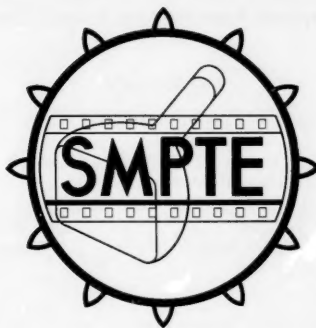


Part II to December 1980 SMPTE Journal

SMPTE Journal



**Index to Volume 89
January — December 1980**

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

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Listed on the following three pages are papers and major reports from the twelve issues. See the Index to Subjects for items which generally appear in the latter part of each issue: Society announcements (awards, reports, conferences, engineering activities, membership, elections, sections activities, etc.); biographical notes; book reviews; notices of books, booklets, and brochures; abstracts from other journals; industry news and educational activities; new products; and obituaries.

Current SMPTE-sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations are indexed separately on pages I-15-I-18. The standards, recommendations, and recommended practices published in Vol. 89, 1980 are indexed by number on pages I-19, I-20.

JANUARY

Introducing the Golden Anniversary <i>Journal</i> Issue	1
121st SMPTE Technical Conference and Equipment Exhibit	
Technical Papers Program	2
Equipment Exhibit	32
Social Activities	33
Awards Presentation 1979	37
Reports of the Engineering and Standardization Committees Activities	42
Advance Program for the 14th Annual SMPTE Television Conference	49
Fifty Years Ago — Looking Back (Reprinted Pages From the Society's First <i>Journal</i>)	51

FEBRUARY

The Future of High-Definition Television: First Portion of a Report of the SMPTE Study Group on High-Definition Television	DONALD G. FINK	89
A High-Quality Optical Sound Recording System Using a Scanned Laser Beam	T. TANEDA, Y. SUGIURA, T. MOTOKI, G. OISHI, H. MIYATERA, and T. UMEZAWA	95
Measuring Camera-Tube Resolution with the RCA P200 Test Chart	R. G. NEUHAUSER	97
Color Operation of a Line-Array CCD Telecine	IAN CHILDS and J. RICHARD SANDERS	100
The Use of Polyester Film Base in the Motion Picture Industry — A Market Survey	GEORGE J. VAN SCHIL	106
Worldwide Color Television Standards — Similarities and Differences	D. H. PRITCHARD and J. J. GIBSON	111
International Standardization	ALEX E. ALDEN	120

MARCH

The Future of High-Definition Television: Conclusion of a Report of the SMPTE Study Group on High-Definition Television	DONALD G. FINK	153
A 12-GHz-Band FM Receiver for Satellite Broadcasting	Y. KONISHI, N. HOSHINO, Y. UTSUMI, and H. MATSUMURA	162
A Rotating Lens System for Cine Projection With Continuous Film Transport	W. J. P. A. VERBEEK	167
An Experimental Digital Videotape Recorder	K. YOKOYAMA, S. NAKAGAWA, and H. KATAYAMA	173
OPAL: A Computer Language for the Control of Optical Printers	HOWARD S. MOSCOVITZ	181
Necessity and Possibility of Separate-Components Digital Video Recording	DOMINIQUE NASSE	188
Minutes of the Special Meeting of Voting Members of the SMPTE		192

APRIL

Recovery and Reuse of Color Developing Agents	CHARLETON C. BARD	225
The Relationship of Film Parameters to Photographic Soundtrack Quality	RONALD E. UHLIG	229
A New Sound Negative Film	R. E. UHLIG, J. W. ERWIN, J. C. BOLTHOUSE, H. R. MCNAIR, and R. G. HUFFORD	235
Film Cleaning by Ultrasonic Liquid Cavitation and Acceptable Solvents	RONALD N. HAIG	240
Digital Television Transmission With 34 Mbit/s	ROLAND BURKHARDT and JOSEF WASSER	244
A New Method of Specifying the Resolving Power of Television Camera Tubes Using the RCA P-300 Test Chart	L. D. MILLER	249
Digital Frame Memory for Still Picture Television Receivers — PASS Encoding System and Application	TAKEHIKO YOSHINO and AKIRA OHYA	257

MAY

Progress Committee Report for 1979	CHARLES E. ANDERSON	313
Report on the 14th SMPTE Television Conference		390

JUNE

The All-Digital Television Studio	FRANK DAVIDOFF	445
Report of the Committee on New Technology	ROBERT S. HOPKINS, JR.	449
An Interframe Coding Technique for Broadcast Television	J. O. LIMB and E. G. BOWEN	451
Editing Systems for Single Camera Videotape Production		
.....	JOSEPH A. FLAHERTY and WILLIAM A. NICHOLLS	458
Shooting Film Style with a Single Video Camera on 1-in Tape	MICHEL OUDIN	462
New Projection Lenses for 35-mm Cinema Projectors	KARL MACHER	465
Multilingual Television: Addendum to the May Progress Report on Canada		467
The People's Republic of China: Addendum to the May Progress Report		468
India: Addendum to the May Progress Report		469
Jordan: Addendum to the May Progress Report		469
Photoinstrumentation: Addendum to the May Progress Report		470

JULY

An Overview of Longitudinal Video Recording Technology	KOICHI SADASHIGE	501
A 30-mm High-Performance Saticon™ Pickup Tube	AL MONTH	505
Digital Audio Recording on Videotape: Some Choices	E. STANLEY BUSBY, JR.	508
Stereophonic Sound and Multilingual Television Broadcast Services by Multiplex Methods		
.....	WILLIAM S. HALSTEAD and RICHARD W. BURDEN	513
The Digital Recording of Sound in Broadcasting	A. WEISSER	520
Recording of Variable-Area Soundtracks Using a Laser Light-Modulating Device		
.....	V. I. GLAZUNOVA, L. G. TSIFRINOVICH, and L. I. EZROKH	525
The Evolution of Motion Pictures in Color	WESLEY T. HANSON, JR.	528

AUGUST

Pioneer 11 Saturn Display System	L. RALPH BAKER	557
Psychophysical Analysis of the "Sensation of Reality" Induced by a Visual Wide-Field Display		
.....	TOYOHICO HATADA, HARUO SAKATA, and HIDEO KUSAKA	560
A Method for Exactly Decodable PCM Color Television	R. FRANK QUICK, JR.	570
A Monolithic (Single-Chip) Video A/D Converter	WILLARD K. BUCKLEN	573
High-Definition Television System — Signal Standard and Transmission		
.....	TAKASHI FUJIO, JUNICHI ISHIDA, TARO KOMOTO, and TAJI NISHIZAWA	579
Report on Motion Picture and Television Industry in the USSR	ROBERT M. SMITH	585
NAB Convention, 13-16 April 1980		591
FTC Authorization Bill Signed into Law on 29 May 1980		594
Minutes of the Special Meeting of Voting Members of the SMPTE		595
European Broadcasting Union: Addendum to the Progress Committee Report		605
1979 Financial Reports		607

SEPTEMBER

New 16-mm Fujicolor Reversal Films RT500 and RT125	TAKASHI HORIGUCHI	645
A New Gevacolor Negative Film Type 682	A. VERVOORT and H. STAPPAERTS	650
An Electronically Controlled Additive Lamp House for Optical Printers	HOWARD S. MOSCOVITZ	653
Captioning for the Deaf — A PBS Progress Report	DANIEL R. WELLS	656
Digital Video Recording — Some Experiments and Future Considerations		
.....	MASAHICO MORIZONO, HIROFUMI YOSHIDA, and YOSHITAKA HASHIMOTO	658
A Universal Weighted Power Function of Television Noise and Its Application to High-Definition TV System Design	TAKASHI FUJIO	663

OCTOBER

Application of New Electrooptical Technology to High-Speed Photography	HALLOCK F. SWIFT	709
An Electronic Ballast for Straightforward Use of Metal Halide Arc Lamps	DENYS KLEIN	714
Low-Contrast Video Image Sensor — Performance and Considerations	WAYNE W. FRAME	717
Color Graphics and Graphic Animation by Minicomputer	NOBORU ASAMIZUYA and TATUO FUTAI	721
Automation of a Production Switching System	JOHN T. DAVIS	725
A Reference Monitor for White Balance Adjustment		
.....	KAZUO HONJO, TAMOTSU SHIMADA, and YUKIMI SAEKI	727
Video Tape Recording Glossary		731
122nd SMPTE Technical Conference Advance Program & Equipment Exhibit Directory		742

NOVEMBER

The Application of Reverse Osmosis to Recover Photographic Processing Wastes ..	DONALD C. BRANDT	829
Transmission of Audio Signals by Infrared Light Carrier	HORST A. ANKERMANN	834
Matching the Performance of a New Pickup Tube to the TK-47 Camera		
.....	SYDNEY L. BENDELL and CYDNEY A. JOHNSON	838
Photographic Speed of Solid-State Sensor Arrays ...	F. MOSER, R. K. AHRENKIEL, and B. C. BURKEY	841
Teletext Systems: Considering the Prospective User	WALTER CICIORA	846
Fiber Optics in the Spread of TV Communications	E. J. GARGINI	850
Motion Picture and Television Technology in the Orient, Southeast Asia, and Australia: A Report		
.....	LINCOLN ENDELMAN, RODERICK T. RYAN, ROBERT M. SMITH, PAUL YANG, and ROLAND ZAVADA	855

DECEMBER

Motion Pictures and Holography	V. G. KOMAR and O. I. IOSHIN	927
Development and Design of the Ampex Auto Scan Tracking (AST) System		
.....	R. A. HATHAWAY and RAY RAVITZ	931
Network Distribution of Digital Television Signals	DENIS J. CONNOR	935
Digital Methods in Picture Origination Equipment—An Overview	J. RICHARD SANDERS	938
Fiber-Optical Signal Transmission Between a TV Camera and Its Base Station	M. MAREY	942
Color Error Formulas	A. R. ROBERTSON	947
Addendum to "Worldwide Color Television Standards — Similarities and Differences"		
.....	MICHAEL ROBIN	948

INDEX TO SUBJECTS — January–December 1980 • Volume 89

ANIMATION

Graphics, color, animation, minicomputer, *Asamizuya and Futai*, 721-724, Oct.

AUTOMATION

Switching system, production, automation, *Davis*, 725-727, Oct.

AWARDS AND HONORS (see also SOCIETY ACTIVITIES, AWARDS AND CITATIONS)

Academy Awards, 610, Aug.

BOOK REVIEWS

English-Spanish, Spanish-English Encyclopedic Dictionary of Technical Terms (3 vols.), Javier L. Collazo (Pablo Weinschenk-Taberner), 618, 622, Aug.
Handbook of Animation Techniques, Eli L. Levitan (Gary Rosenberger), 491, June
Home Telecommunications in the 1980s, compiled International Resource Development Inc. (D.H.), 888, Nov.
Laser 79 Opto-Electronics: Munich 2-6 July 1979 Conference Proceedings, Ed., W. Waidelich (Leo Beiser), 492, June
Lens Design Fundamentals, Rudolf Kingslake (R.A. Buchroeder), 622, Aug.
Motion Picture Camera Data, David W. Samuelson (William D. Hedden), 622, Aug.
Television Broadcasting: Tape Recording Systems, Harold E. Ennes (Al Conte), 430, May
The Video Primer, Richard Robinson (Gary Rosenberger), 142, Feb.
The War, the West and the Wilderness, Keven Brownlow (Gary Rosenberger), 432, 434, May
What is Cinema Verite? M. Ali Assari and Doris A. Paul (Gary Rosenberger), 430, 432, May
When the Shooting Stops...the Cutting Begins, Ralph Rosenblum and Robert Karen (Gary Rosenberger), 142, Feb.

BOOKS, BOOKLETS, BROCHURES

Aaton Cameras, brochure, 780, Oct.
Audio-Visual Equipment Directory 1980-81, NAVA, 540, July
Audiovisual Market Place 1980: A Multimedia Guide, R.R. Bowker, 540, July
Bibliography of Theses and Dissertations on the Subject of Film, 132, Feb.
Broadcast Equipment Catalog, Harris Corp., 686, Sept.
Broadcasting in the 80s, Scientific-Atlanta, 540, July
Cable by Satellite: The First Five Years, RCA Americom, 782, Oct.
Careers in the Electronic Industry, booklet, International Soc. of Certified Electronics Technicians, 612, Aug.
CMX Systems, brochure, editing systems, 422, May
Cohu, Inc., brochure, telecine system, 422, May
—, data sheet television camera, 132, Feb.
—, filter wheel product data sheet, 76, Jan.
—, short form catalog, 612, Aug.
Colorado Video Inc., brochure, slow scan television systems, 612, Aug.
—, catalog, 76, Jan.
Continental Resources, Inc., electronic instrument rental catalog, 422, May
Digital Signal Processor Newsletter, 686, Sept.
Dynair Electronics, catalog, 132, Feb.
Edo Western Corp., high resolution television cameras, catalog, 422, May
Educating the Handicapped: Millions for Media, Training, Personnel, NAVA, 488, June
Encyclopedia of Chemical Technology, John Wiley & Sons, 420, May
F&B Ceko, Inc., rental catalog, 76, Jan.
Film Cataloging, Burt Franklin & Co., 422, May
Foreign Language A-V Software Producers, NAVA, 132, Feb.

Fuji Photo Film U.S.A. Inc., brochure, videocassettes, 132, Feb.
General Electric Co., brochure, large screen television projectors, 612, Aug.
Global Specialties Corp., catalog, 612, Aug.
Gould, Inc., bulletin, oscilloscope, 422, May
Guide for Processing Black-and-White Motion-Picture Films (H-7), Eastman Kodak Co., 76, Jan.
Hudson Photographic Industries, Splicing Tape Brochure and Wall Chart, 202, Mar.
Hybrid Systems Corp., catalog, 76, Jan.
Ideas of Mylar, Du Pont Co., 782, Oct.
Illustrated Dictionary of Electronics, 686, Sept.
Imagine a World Without: Film and Video Training Programs, Training Media Distributors Assn., 612, Aug.
Independent Filmmaking, Lenny Lipton, 132, Feb.
Innovative Television Equipment, catalog, 612, Aug.
Instrument Mart, catalog, 424, May
Instrumentation Marketing Corp., NAC 16HD high speed camera, spec sheet, 966, Dec.
Ion-Solid Interactions: A Comprehensive Bibliography, Walter M. Gibson and Henry H. Teitelbaum, 782, Oct.
ITI Electronics, Inc., brochure, voice frequency amplifiers, 422, May
Kemps International Film and Television Year Book, Kemps Publishing Group, 612, Aug.
L. W. International, catalog, image analyzing and digitizing systems, 424, May
Leader Instruments Corp., catalog, oscilloscopes, function generators and video generators, 612, Aug.
Making Films Your Business, Mollie Gregory, 202, Mar.
Master Guide to Electronic Circuits, 686, Sept.
Master IC Cookbook, 686, Sept.
Microphones, Professional and Semiprofessional by Gerhart Bore, 612, Aug.
3M Company, TT-7000 1-in "C" format videotape recorder, brochure, 966, Dec.
Moving Average to Decrease Noise, Quantex Corp., 76, Jan.
Optics and Laser Technology, international journal, IPC Science and Technology Press, 132, Feb.
Photography: What's the Law? Robert M. Cavallo and Stuart Kahan, 420, May
Photometers/radiometers and spectroradiometers, brochures, Photo Research, 966, Dec.
Plastic Reel Corp. of America, catalog, 966, Dec.
Preserving Processed Photographic Film Through Proper Storage (Standard), ANSI, 132, Feb.
Projection Optics Co., product guide, 202, Mar.
Quantex Corp., brochure, DS 30 digital video processor, 612, Aug.
—, Technical Note, digital data I/O ports, 424, May
RCA Broadcast Systems, brochure, TK-76C portable color video camera, 424, May
RF Signal Generators and Sources, Hewlett-Packard, 782, Oct.
Summary of Engineering Research 1979, Univ. of Illinois, 202, Mar.
The Copyright Primer for Film and Video, Joseph B. Sparkman, 966, Dec.
The Great American Pattern, projection patterns, 132, Feb.
The Positive Image, Eastman Kodak publication, 966, Dec.
The Power Semiconductor User's Manual and Data Book, Westinghouse Electric Corp., 612, Aug.
The Use of Media-Based Materials by Professional Societies in Continuing Education, Georgia Institute of Technology, 612, Aug.
Treise Engineering, catalog, 132, Feb.
TV Acting, J. Hindman, L. Kirkman and E. Monk, 422, May
Video Marketing Newsletter, 202, Mar.
Video Supply Catalog 1980-81, Comprehensive Video Supply Corp., 780, Oct.
Video Yearbook 1980, Angus Robertson, 422, May
Videoilm Notes, Pt. 3: Film Post Production on Videotape, Kodak Publication, 540, July

Visual Information Institute Inc., specification sheet, Sync Source 1305, 132, Feb.
—, specification sheets, Signal Source 12, 76, Jan.
Visual Methods Inc., CCTV access control and surveillance products catalog, 612, Aug.
WIDL Video, 1980 catalog, 966, Dec.
Winstead Corp., catalog, video production equipment, 424, May
World of Animation, Eastman Kodak Co., 76, Jan.
1980 Catalog of American National Standards, ANSI, 488, June
1980 NAVA Membership Directory, 540, July

CAMERAS (see also TELEVISION)

ANSI Standard, PH.199-1980, Specifications for 8-mm type S model 1 sound motion picture film camera cartridge pressure pad flatness and camera aperture profile, 596, 601, Aug.
ANSI Standard, PH.200M-1980, Specifications for 8-mm type S model 1 sound motion picture film camera run length, perforation cut-out and end-of-run notch (15-m [50-ft] capacity), 596, 603, Aug.
ANSI Standard PH22.159.2-1980, Dimensions and characteristics of 8-mm type S motion picture camera cartridge aperture, camera aperture profile, film position, pressure pad and pressure pad flatness, 870, 871, Nov.
ANSI Standard, PH22.197-1980, Specifications for 8-mm type S model 1 sound motion picture film cartridge, cartridge-camera interface and take-up core drive, 596, 597, Aug.
ANSI Standard PH22.198-1980, Specifications for 8-mm type S model 1 sound motion picture film camera cartridge aperture, pressure pad and film position, 596, 599, Aug.
ISO Standard 2467-1980 (E), Image area produced by 65- and 70-mm motion picture camera aperture and maximum projectable image area on 70-mm motion picture prints: positions and dimensions, 956, Dec.
ISO Standard 4243-1979, Picture image area and photographic sound record on 16-mm motion picture release prints, 192, 195, Mar.

CINEMATOGRAPHY

Motion pictures, holography, *Komar and Ioshin*, 927-930, Dec.

COLOR

Color error formulas, *Robertson*, 947, Dec.
Color motion pictures, evolution, *Hanson*, 528-530, July
Color television standards worldwide, similarities, differences, *Pritchard and Gibson*, (See Addendum p. 948-949 Dec.), 111-120, Feb.
Graphics, color, animation, minicomputer, *Asamizuya and Futai*, 721-724, Oct.
Line-array CCD telecine, color operation, *Childs and Sanders*, 100-106, Feb.

COLORIMETRY

White balance adjustment, reference monitor, *Honjyo, Shimada and Saeki*, 727-730, Oct.

COMPUTER USE (see also MICROPROCESSORS)

Computer language OPAL, control of optical printers, *Moscowitz*, 181-187, Mar.
Editing systems, single camera videotape production, *Flaherty and Nicholls*, 458-461, June
Graphics, color, animation, minicomputer, *Asamizuya and Futai*, 721-724, Oct.
Lamphouse, optical printers, electronically controlled, additive, *Moscowitz*, 653-655, Sept.
Photographic soundtrack quality, film parameters, relationship, *Uhlig*, 229-234, Apr.
RCA P-300 test chart, method of specifying the resolving power of television camera tubes, *Miller*, 249-256, Apr.

DATA PROCESSING AND DISPLAY

Pioneer 11 Saturn display system, *Baker*, 557-560, Aug.

DIGITAL TECHNOLOGY (see also TELEVISION)

Digital audio recording, videotape, *Busby*, 508-512, July
Digital methods, picture origination equipment, *Sanders*, 938-942, Dec.
Digital video recording, experiments, *Morizono*, *Yoshida* and *Hashimoto*, 658-662, Sept.
Digital video recording, separate components, *Nasse*, 188-191, Mar.
SMPTE Committee on New Technology, report, *Remley*, 43, Jan.
SMPTE Sponsors New Digital Television Tape Recording Study Group, *Connolly*, 45, Jan.
Sound in broadcasting, digital recording, *Weisser*, 520-524, July
Television studio, all-digital, *Davidoff*, 445-447, June
Videotape recorder, digital, experimental, *Yokoyama*, *Nakagawa* and *Katayama*, 173-180, Mar.

EDITING

Editing systems, single camera videotape production, *Flaherty* and *Nicholls*, 458-461, June

Film Transport

Lens system, rotating, cine projection, continuous film transport, *Verbeek*, 167-173, Mar.

ELECTRONIC VIDEO RECORDING

Editing systems, single camera videotape production, *Flaherty* and *Nicholls*, 458-461, June
Single video camera, film style, 1-in tape, *Oudin*, 462-464, June

FILM

8-mm and Super 8

ANSI Standard PH22 179-1980, Location of 8-mm type S printed areas on 35-mm motion picture film, 870, 874, Nov.

General

ANSI Standard, Proposed, PH22.165, Dimensions for 35-mm motion picture film perforated 8-mm type S 5R (I-3-5-7-0), 471, 473, June
ANSI Standard, Proposed, PH22.73, Dimensions for 35-mm motion picture film perforated 32-mm, 2R, 471, 472, June
Negative film, Gevacolor, type 682, *Vervoort* and *Stappaerts*, 650-652, Sept.
Reversal films, 16-mm, RT500, RT125, Fujicolor, *Horiguchi*, 645-649, Sept.
SMPTE Committee on Film Technology, report, *Knutsen*, 44, Jan.

Test

SMPTE Recommended Practice, RP 90-1979, Specifications for magnetic-type audio level and multifrequency test film for 16-mm sound reproducers, 45, 48, Jan.

Wear

Polyester film base, motion picture, market survey, *Van Schil*, 106-110, Feb.
SMPTE Recommended Practice, Proposed, RP 18, Specifications for test films for subjective checking of 16-mm and 8-mm type S motion picture sound projectors, 670, 671, Sept.

GENERAL

Abstracts of papers from other journals., 64, 66, Jan.; 790, 794, 796, Oct.; 902, 904, 906, Nov.
FTC Bill signed into law on 29 May 1980, *RH*, 594-595, Aug.

HIGH SPEED PHOTOGRAPHY AND INSTRUMENTATION

High speed photography, electrooptical technology, application, *Swift*, 709-713, Oct.

HISTORY

Color motion pictures, evolution, *Hanson*, 528-530, July

HOLOGRAMS

Motion pictures, holography, *Komar* and *Ioshin*, 927-930, Dec.
Video recording technology, longitudinal, overview *Sadashige*, 501-504, July

INDUSTRY NEWS & EDUCATIONAL ACTIVITIES

BUSINESS AND INDUSTRIAL

Adda Corp., ESP-100 electronic still storage system used by NASA, 131, Feb.
AKG Acoustics Inc., newly named firm, 780, Oct.
Ampex Corp., Camera Products Group, new facility, 72, Jan.
Arriflex Corp., new headquarters, 964, Dec.
Audiotronics Corp., new building, 882, Nov.
Bell & Howell, Robert Bosch Corp., joint venture, 131, Feb.
British Broadcasting Corp., agreement, Logica Ltd., to manufacture BBC's Television Graphics Micro-Computer, 962, 964, Dec.
Century Precision Cine/Optics, new East Coast office, 964, Dec.
Christie Electric Corp., new facility, 774, Oct.
CineMills Corp., larger quarters, 686, Sept.
Clearlight appoints John B. Olsson Co. exclusive representative, 74, Jan.
Consolidated Film Industries installs Pacex water recycling system, 74, Jan.
Convergence Corp., additional space, 74, Jan.
Deluxe General expansion program, 774, Oct.
EPRAD, Inc., new logo, 774, Oct.
Galileo Electro-Optics Corp., exchange agreement with British Post Office, 611, Aug.
Geo. W. Colburn Laboratory, Inc., reorganization, 131, Feb.
Global Specialties Corp., new name for Continental Specialties Corp., 536, July
Gotham Audio Corp., 30th birthday, 278, Apr.
Harrison Systems, Inc., appoints F. W. O. Bauch Ltd. exclusive agent in UK and Ireland, 416, May
James B. Lansing Sound Inc., major expansion, 76, Jan.
Leader Instruments Corp., new headquarters, 278, Apr.
Link Electronics, UK distributor, General Electric large screen TV projectors, 964, Dec.
Lisle-Kelco Ltd., Canadian distributor for Pacex Water Recycling System, 536, July
LTM Corp. of America, sound stage-showroom, 686, Sept.
Metro-Goldwyn Mayer Film Co. and CBS Inc., joint venture, 686, Sept.
3M Company, videocassettes available, 131, Feb.
Modern Talking Picture service, distribution agreement with China Film Corp., Beijing, 686, Sept.
Orrox Corp., development program, 778, Oct.
—, development program, antenna systems, satellite-to-ground communications, 882, Nov.
Panasonic, recording, broadcast division, 131, Feb.
Paul Simmon Ltd., new facility, 682, Sept.
Pioneer Marketing Corp., two new divisions, 774, Oct.
Plastic Reel Corp. of America, expanded line, 686, Sept.
RCA Electro-Optics and Devices CCD color television camera, 774, Oct.
—, licenses CBS to Manufacture and distribute videodisks, 278, Apr.
—, production capacity, videodisk players, expectations, 772, Oct.
Reeves Teletape, new videotape editing room, 414, May
Republic Corp., construction program, Glen Glenn sound and Consolidated Film Industries, 882, Nov.
RMS Electronics, appoints Video Components representative, 74, Jan.
RTS Systems, new offices, 131, Feb.

S.B.N. Euro consortium, 72, Jan.

Sony Corp., Tokyo, agreement with Sunstrand Data Control, Inc., concerning color video projection systems used in aircraft, 535, July
Sony Technology Center, new corporation, 278, Apr.
TDK Electronics Corp. appoints representative firms, 74, Jan.
Verbatim Corp., dire warning, Mt. St. Helens, 774, Oct.
Video Automation Systems Inc., anti-piracy circuit added to Secure Copy 2, 416, May
Yves Faroudja, new, larger facilities, 278, Apr.

EDUCATIONAL ACTIVITIES — including film festivals, etc.

American Film Institute/Arts Endowment Film Archival Program, grants awarded, 962, Dec.
Autochromes, exhibit, 278, Apr.
Byron L. Friend/Telecine Film collection, 131, Feb.
CINE, U.S. films win top honors, 278, Apr.
CINE awards 159 Golden Eagle Certificates, 131, Feb.
Commemorative plaque, London building, first TV program, 962, Dec.
Digital Decade, workshop, presented by SMPTE at NAB convention, 278, Apr.
Du Pont, silver recovery seminar on videotape, 416, May
Eastman Kodak Co., workshops for cinematographers, 488, June
ISCET Technical Library, new location, 278, Apr.
Los Angeles City College Communications Center, 878, Nov.
MPAA, project to enhance sound on film, 536, July
National Audio-Visual Assn., 1980 Institute for Professional Development, 535, July
Research Sources in Motion Pictures and Television, 420, May
RIT, seminar on Preservation, Restoration of Photographic Images, 682, Sept.
Rochester Institute of Technology, new degree in film and television, 878, Nov.
SMPTE Committee on Audio Recording and Reproduction Technology, request from Chairman Michael Strong, 772, Oct.
SMPTE Scholarship Awards, 418, 420, May
SMPTE training program for section chairmen, 196-200, Mar.
Television commercials, research collection, housed in Univ. of Texas, 611, Aug.
Television in China, development, brief account, by Sun Tong-gen and Zhoi Chung-rong, 276, Apr.
USC, grant from Harold Lloyd Foundation, 611, Aug.

PEOPLE

Ampex Corp., Alexander M. Pontiatoff awards to three engineers, 778, Oct.
Berggren, Glenn, head new organization, 686, Sept.
Bertele, H.C. Ludwig, awarded cultural prize of the German Photographic Society in Cologne, 780, Oct.
Bukalski, Peter J., appointment, 74, Jan.
Burleson, Malcolm M., appointment, 612, Aug.
Chow, John, appointment, 74, Jan.
DiGiulio, Ed, re-elected President PMPEA, 278, Apr.
Dunn, Ted, appointment, 418, May
Elsaesser, George G., appointment, 686, Sept.
Eskridge, Larry, appointment, 536, July
Finley, Otis E., appointment, 132, Feb.
Firstenberg, Jean, Director, AFI, 131, Feb.
Fletcher, John C., appointment, 132, Feb.
Fraker, William A., re-elected President ASC, 416, May
Glasserow, Jeffrey L., appointment, 418, May
Gray, William C., appointment, 132, Feb.
Griffiths, Robert G., appointment, 416, May
Hagemark, Kjell, appointment, 611, Aug.
Haines, Fred J., appointment, 416, May
Haws, Donald R., appointment, 132, Feb.
Hiller, James, elected to National Inventors Hall of Fame, 278, Apr.
Keane, James, appointment, 74, Jan.

Kirkman, Larry, appointment, 780, Oct.
 Land, Edward H., retires as chief executive, Polaroid Corp., 488, June
 Lilley, Howard, appointment, 780, Oct.
 Lunn, George H., receives Coleman Memorial Award in High Speed Photography, 418, May
 Mann, Thomas, appointment, 74, Jan.
 McCoy, Donald S., 74, Jan.
 Millward, John, recipient Phil Berkely Award, BKSTS, 682, Sept.
 Niles, Fred A., recipient of Gold Hugo award at Intercom '80, 882, Nov.
 Ramsey, Norman F., elected Chairman of the Board of American Institute of Physics, 612, Aug.
 RCA, David Sarnoff Awards for Outstanding Technical Achievements presented, 778, Oct.
 Reynolds, Donald R., appointment, 416, May
 Rosensheim, Norman, appointment, 418, May
 Scott, Fred E., Jr., appointment, 612, Aug.
 Watson, R. Roger, appointment, 131, Feb.
 Young, Irwin W., President of ACVL, 72, Jan.

PROFESSIONAL AND SCIENTIFIC ORGANIZATIONS — including conferences, awards, etc.

Academy Awards, 610, Aug.
 American Science Film Association, conference, preservation and restoration of film and tape, 486, June
 BKSTS 81, 7th International Technology Conference and Exhibition, British Kinematograph, Sound and Television Society, 486, June
 Chicago Section holds fifth spring seminar 10 May 1980, *Friend*, 678, 682, Sept.
 CINE two entries, top honors, 962, Dec.
 Digital television signal standards, discussed by EBU engineers at BBC, 610, Aug.
 EBU, broadcasting engineers met at BBC to discuss standards for digital television signals, 610, Aug.
 Edison, incandescent light, 100th anniversary, 72, Jan.
 Ferns, W. Paterson, elected president Canadian Film and Television Association, 686, Sept.
 Fiber Optics Communication Information Soc. restructured as working group under SPIE, 536, July
 IBC, two more corresponding members, 276, Apr.
 International Museum of Photography, George Eastman House, new building, 611, Aug.
 ISCC Macbeth Award, 1980, presented to William Wright, 611, Aug.
 Marconi International Fellowship Award, 535, July
 Monitor Award, VPA, SMPTE, Sony Broadcast and Ampex, 682, Sept.
 Montreux International Audiovisual Symposium, 772, Oct.
 Society for Information Display, International Symposium, 772, Oct.
 Television Licensing Center, national clearinghouse formed, 964, Dec.

PUBLICATIONS: FILMS

Digital Video, Vol. 3, new SMPTE publication, 535, July
Hope Reports Quarterly, survey, 486, June
Hope Reports, survey, 276, Apr.
 Image Transform Inc., System III tape-to-film system, 882, Nov.
 International Resource Development Inc., report, *Home Telecommunications in the 1980s*, 486, June
 Pioneer Electronics Corp., Laser Disc system, 878, Nov.
 SMPTE Journal, Masthead changes, 276, Apr.
 Westinghouse Electric Corp., integrated optical RF spectrum analyzer, 878, Nov.

SCIENTIFIC AND TECHNICAL DEVELOPMENTS

Biomechanics cinematography, field-based, 131, Feb.
 Danish demonstration, Confravision Video-Teleconference, 278, Apr.
 RCA, TR-800 videotape recorder demonstrated, 964, Dec.

RCA American Communications, additional satellite, 131, Feb.
 —, technical improvements to satellite design, 416, May
 RCA develops comb filter signal processors, 131, Feb.
 RCA Global Communications, telecommunications service with Sierra Leone, 682, Sept.
 RCA Laboratories, 50-in color television for mounting on a home wall, developmental stage, 611, Aug.
 RCA Princeton Labs, satellite system for wideband data transmission, 414, May
 U.S. Postal Service, improvements, machine processing film cases, 5 lb or less, 72, Jan.

INTERNATIONAL ACTIVITIES

Orient, Southeast Asia, Australia, motion picture television technology, a report, *Endelman, Ryan, Smith, Yang and Zavada*, 855-869, Nov.
 USSR, motion picture, television technology, *Smith*, 585-590, Aug.

LABORATORY PRACTICE

Chemistry

Color developing agents, recovery and reuse, *Bard*, 225-228, Apr.

Environmental Protection

Photographic processing wastes, recovery, reverse osmosis, *Brandt*, 829-833, Nov.

General

Film cleaning, ultrasonic liquid cavitation, acceptable solvents, *Haig*, 240-243, Apr.
 Polyester film base, motion picture, market survey, *Van Schil*, 106-110, Feb.
 SMPTE Committee on Laboratory Services Technology, report, *Ehrenberg*, 44, Jan.
 SMPTE Recommended Practice, Proposed, RP 22 Specifications for graph paper used in inter-laboratory exchange of plotted sensitometric data, 670, 672, Sept.
 SMPTE Recommended Practice, RP 23-1979, Reinforcement of 70-mm positive splices, 45, 47, Jan.

Printing

Computer language, OPAL, control of optical printers, *Moscovitz*, 181-187, Mar.
 Lamphouse, optical printers, electronically controlled, additive, *Moscovitz*, 653-655, Sept.

Processing

Photographic processing wastes, recovery, reverse osmosis, *Brandt*, 829-833, Nov.
 Sound negative film, new, *Uhlig, Erwin, Bolthouse, McNair and Hufford*, 235-239, Apr.

LASER BEAM RECORDING

Optical sound recording system using scanned laser beam, *Taneda, Sugiura, Motoki, Miyatera and Umezawa*, 95-97, Feb.
 Variable area soundtracks, recording, using laser light-modulating device, *Glazunova, Tsifrinovich and Ezrokh*, 525-527, July

LETTERS TO THE EDITOR

Addendum to "Worldwide color television standards: similarities and differences," *Robin*, 948-949, Dec.

LIGHTING AND LAMPS

Lamphouse, optical printers, electronically controlled, additive, *Moscovitz*, 653-655, Sept.
 Metal halide arc lamps, electronic ballast, *Klein*, 714-716, Oct.
 SMPTE/PMPEA Working Group for Studio Lighting Hardware Standardization, report, *Phillips*, 43, Jan.

MAGNETIC RECORDING TAPE

ANSI Standard, Proposed, V98.24M, Dimensions of video magnetic tape reels for 1-in helical scan video recorders, 530, 531, July
 ANSI Standard, Proposed, V98.25M, Dimensions of 1-in video magnetic recording tape, 530, 532, July
 ISO Standard 4242-1980 (E), Recording head gaps for two sound records on 16-mm magnetic film — position and width dimensions, 670, 673, Sept.
 SMPTE Recommended Practice, Proposed, RP 103, Care and handling of video magnetic recording tape, 955, Dec.

MOTION PICTURE TECHNOLOGY

Orient, Southeast Asia, Australia, motion picture, television technology, a report, *Endelman, Ryan, Smith, Yang and Zavada*, 855-869, Nov.

NEW PRODUCTS AND DEVELOPMENTS (listed by Company; see also listing by Subject below)

Acmed International, rewind table, 912, Nov.
 —, Twinpic editing machine, 990, Dec.
 Acmed Technologies Inc., Codemaster for edge numbering film and magnetic tape, 308, Apr.
 ADDA Corp., video compressor, 982, Dec.
 AKG Acoustics, Philips Audio Visual Systems Corp., lavalier microphone, 498, June
 AKG Akustische und Kino Gerate GmbH, AKG microphone D-222EB, 150, Feb.
 Amertec High Performance Products, lens and optics cleaner, OpTec 2, 642, Aug.
 Ampex Electronic Corp., 30-mm low capacitance Plumbicon, 912, Nov.
 Amtron Corp., color monitor, AM-26, 916, Nov.
 Angenieux Corp. of America, super wide angle adapter, 642, Aug.
 Arriflex Corp., Directors Viewfinder, 80, Jan.
 —, follow-focus system, 820, Oct.
 —, HMI light, Report 200, 922, Nov.
 —, Image Stabilizer, 78, Jan.
 —, shoulder cushion for 16SR camera, 820, Oct.
 —, 16SR high speed camera, 816, Oct.
 Audio & Design (Recording Ltd.), upgraded versions Complex limiter and vocal stresser, 307, Apr.
 Barco Electronic n.v., television modulator, 308, Apr.
 Birns & Sawyer, Inc., Big Time stop watch/clock, 642, Aug.
 Boston Electronics Corp., optical fiber refractive index profiler, 639, Aug.
 Brumac Industries, Brumicro series of microprocessor-enhanced densitometers, 496, June
 Candex Pacific Inc., vertical interval machine control system, 820, Oct.
 Cetec Vega, Quad case, wireless microphone antenna system, 824, Oct.
 Christie Electric Corp., 35 projector, 820, Oct.
 Cine 60, Inc., battery-light kits, 922, Nov.
 —, nickel-cadmium battery packs, 984, Dec.
 —, nickel-cadmium power packs, 820, Oct.
 —, on-board battery packs, 642, Aug.
 Cinema Products Corp., Camraprompter, 548, July
 —, ENG/EPF camera, MNC-81A, 548, July
 —, RDS/HMI Fresnel spotlights, 436, May
 —, WRC-3, three-channel remote control system, 980, 982, Dec.
 Cinetron Computer Systems, control system, Model 300, 218, Mar.
 Cohu, Inc., low light TV camera, ISIT Model 2856C, 306, Apr.
 —, telecine system, Model 1550B, 80, Jan.
 Colorado Video, digital slow scan transceiver, Model 285, 216, Mar.
 Continental Camera Systems, 35-mm R.D. Vari-Frame Drive System, 982, Dec.
 Continental Specialties Corp., frequency counter, Model 6001, 498, June
 Convergence Corp., ECS-90 videotape editing machine, 550, July

- , SW1-100 switcher interface to Grass Valley 1600 series production switcher, 639, Aug.
- , videotape editing systems added to ECS-100 series, 214, Mar.
- Cue Vue, device for sound rerecording, Model CV 150, 218, Mar.
- D.O. Industries, zoom lens, DOZ-16, 642, Aug.
- , zoom prime lens for 16-mm Eiki projectors, 217, Mar.
- Drexler Technology Corp., optical memory disk for laser recording, Type D-1201, 638, Aug.
- E&O Systems Ltd., Barco CM-33 portable ENG/EFP color monitor, 436, May
- , Barco 20-channel television demodulator, 496, June
- Eastman Kodak Co., Sound recording II film 5373/7373; color internegative II film 5272/7272, 145, Feb.
- Eigen, random access 600-slide controller, 82, Jan.
- Electro-Chemical Products Corp., film cleaning and conditioning system, 826, Oct.
- Electro-Voice Inc., Nady VHF handheld wireless microphone, 988, Dec.
- , Studio audio monitor, Sentry 100, 552, July
- Electronic Systems Products, Aquastar III B video projector, 984, Dec.
- Eumig (U.S.A.) Inc., super 8 silent projector, Mark 604, 824, Oct.
- , 125 XL silent camera, 820, Oct.
- Eventide Clockworks, Inc., digital delay lines, 988, Dec.
- Evergreen Film Service, edge printer, 497, June
- Faroudja Laboratories, Inc., Image system, 638, Aug.
- Film Equipment Service Co., battery, SLA 14100, 984, Dec.
- Frezzolini Electronics Inc., battery pack, 912, Nov.
- , Frezzi-Lite handheld camera lights, 85, Jan.
- Fuji Magnetic Tapes head cleaning cassettes, 310, Apr.
- Fujinon Optical Inc., ultra high resolution lens, 145, Feb.
- , 14x high resolution television lens, 704, Sept.
- General Electric, projection lamp, Gemini 300, 642, Aug.
- Global Specialties Corp., counter-timer, Model 5001, 552, July
- , 40-channel logic monitor, LM-3, 552, July
- Gould Inc., oscilloscope, OS3600, 218, Mar.
- , 25-MHz dual trace oscilloscope, OS1200, 551, July
- Gray Engineering Laboratories, DR-120 SMPTE code receiver, 146, Feb.
- , TBC-117 SMPTE Edit Code time base corrector, 146, Feb.
- , TCR-119 Reader, 438, May
- Gruber Products Co., Wheelit, Model IFF-20, 922, Nov.
- Hamamatsu Corp., video camera, Model C-1000, 493, June
- Harris Corp., AM-90 AM Modulation Monitor, 705, Sept.
- Harris Video Systems, CVS 520 digital time base corrector, improved version, 84, Jan.
- Hewlett-Packard, audio analyzer, 989, Dec.
- , HP3707 BB + sweep generator, 824, Oct.
- , solid state noise source, Model HP 346B, 218, Mar.
- , Universal Counter, HP 5335A, 989, Dec.
- Hitachi Denshi America Ltd., portable camera for ENG/EFP, FP-40, 78, Jan.
- Houston Fearless 76, Inc., film processor, Super Colormaster, 639, Aug.
- Hybrid Systems Corp., D/A converter, 498, June
- , digital to analog converter, 916, Nov.
- , digital to analog converter, DAC9331-14, 148, Feb.
- Innovative Television Equipment, camera support head, 217, Mar.
- Instrumentation Marketing Corp., Photo-Sonics handheld 70-mm cine/pulse camera, 639, Aug.
- Inronics, Inc., X-Y plotter interface for Model 500 acoustic analyzer, 498, June
- James B. Lansing Sound, Inc., microphone mixer, Model 7510, 640, Aug.
- , motion picture theater loudspeaker systems, 307, Apr.
- Karl Heitz, Gitzo counterbalanced panoramic head, 80, Jan.
- Kentronics Corp., film cleaning machine, 826, Oct.
- Klark-Teknik, DN60 audio spectrum analyzer, 824, Oct.
- Klark-Teknik Research Ltd., analog time processor, DN34, 84, Jan.
- KLM Assoc., video system trolley, VS/1000, 220, Mar.
- Leader Instruments Corp., function generator, Model LFG-1300S, 496, June
- , Oscilloscope, LBO-515 upgraded, 552, July
- Lenco, Inc., studio monitors, PCM-500 series, 214, Mar.
- Lenzar Optics Corp., low light level auto iris lenses L3TVA1, 145, Feb.
- Lipsner-Smith Corp., film cleaning/conditioning system, 304, Apr.
- Listec Television Equipment Corp., four new products — Plover remote and studio pedestal; MK 7 L.F. cam head; Cygnet post head; ENG tripod and spreader with tripod spider, 639, Aug.
- , Vinten post pan and tilt head, type 78, 80, Jan.
- LTM Corp., Ambiaric 200 W HMI light, 306, Apr.
- Marconi Electronics, Inc., videotape monitoring unit, 493, June
- Marconi Instruments, spectrum analyzer, Model TF2371, 551, July
- , television interval timer, Model 2920, 822, Oct.
- Media Concepts Inc., Porta-Power battery pack system, 912, Nov.
- MicMix Audio Products, Master-Room XL-210 reverberation system, 990, Dec.
- , reverberation system, 306, Apr.
- Micro Consultants, Inc., DPE 5000/plus digital effects system, 632, Aug.
- Micron Audio Products, Mobile Diversity System to update Micron 100 wireless microphone system, 498, June
- 3M Company, VHS, Beta format videocassette head cleaners, 220, Mar.
- , videotape recorder, TT-7000, 214, Mar.
- , 2-in helical videotape for IVC 9000 recorders, 310, Apr.
- Morten Jacobson Trading ApS, Dancan storage shipper, 990, Dec.
- Moviecam Corp. of America, Moviecam 3N camera, 78, Jan.
- Multi-Track Magnetics, high speed 35-mm projector, 918, Nov.
- , SMPTE time code generator, SETC-1, 920, Nov.
- Neal Ferroglyph U.S.A., Inc., multipurpose test instrument, 307, Apr.
- Otari Corp., audio duplicator, Model DP-4050-C2, 494, June
- Pace International Corp., water recycling system, Pacex Model 15, 495, June
- PAG Films Ltd., electronic counter for dubbing and preview, 990, Dec.
- Panasonic, color television camera for use with Omnivision II VHS recorders, 216, Mar.
- , microphones, 306, Apr.
- , portable color TV cameras, WV-3200 and WV-3210, 216, Mar.
- Per-Fix Co., Per-Fix machine, new features, 308, Apr.
- Philips Audio Video Systems Corp., AKG D-130 microphone, 85, Jan.
- Photo Research Div. of Kollmorgen Corp., spectroradiometer, PR 1980B Pritchard, 497, June
- Pioneer Cine, motion picture optical printer, 980, Dec.
- Pioneer Marketing Corp., Pacer 35 projection system, 304, Apr.
- Plastic Reel Corp., Video Vault Plio-Magic shipping cases, 85, Jan.
- Pro-Bel Ltd., Eurocard modules, 438, May
- Quantex Corp., Digital tape I/O control unit, 638, Aug.
- , DS-30 digital video processor, 702, Sept.
- Quickset, Inc., Quick/On camera mount, 982, Dec.
- Rank Cintel, telecine operation programming system (TOPSY), 148, Feb.
- RCA Broadcast Systems, AE-600 time code editing system modified, 634, Aug.
- , color correction systems for TK-29C telecine camera, 816, Oct.
- , TK-29 telecine systems, 702, Sept.
- , TK76C ENG camera, improvements, 702, Sept.
- , TR-800 Type "C" 1-in helical scan videotape recorder, 632, Aug.
- , 50-kW VHF transmitter, 822, Oct.
- RCA Cablevision Systems, line extender amplifier, Model 250, 308, Apr.
- RCA Consumer Electronics, ColorTrak video monitor, 984, Dec.
- Robert Bosch GmbH, television camera, KCA 100, 145, Feb.
- Rohde & Schwarz Sales Co., Barco master control color monitors, 820, Oct.
- , Barco TV modulator, Model VSBM 1/S, 820, Oct.
- Sharp Electronics Corp., ENG camera, XC-700, 548, July
- Shure Brothers Inc., microphone, SM63-CN, 824, Oct.
- Skotell Corp., time code generator/reader, 984, Dec.
- Smart Theatre Systems, SA-8 loudspeaker system, 988, Dec.
- Snook Corp., Rotex SAS wash water silver adsorption systems, 980, Dec.
- Sony Consumer Products Co., Videocassette tape changer, Model AG-200, 638, Aug.
- Spectra Sound, audio equalizer, professional 10-band graphic, Model 1000B, 548, July
- , audio flanger, Model 4000, 493, June
- Strand Century, Inc., step-up kits for Lekolite spotlights, 150, Feb.
- Sylvania Lighting Center, studio lamp, 1200-W Brite-Arc, 922, Nov.
- Technicolor, Inc., videocassette recorder, 982, 984, Dec.
- Tele-Cine Inc., viewfinder mount for RCA TK760 camera, 217, Mar.
- Telecommunications Industries Ltd., three-chart microscope test slide, 82, Jan.
- TeleMation graphics compose system, Compositor I, 146, Feb.
- Television Equipment Assoc., Ampligard headset, 148, Feb.
- , Elcon Magnetek tape cleaner/evaluator, 82, Jan.
- , vertical interval reference signal generator, 146, Feb.
- , video and pulse delay lines, Matthey Models UN 360, UN 180, 308, Apr.
- The Fax Co., animation planning board, 309, Apr.
- The Great American Market, special effects generator, 218, Mar.
- The Winsted Corp., roll around console, 309, Apr.
- Theatre Techniques, Inc., minicomputer studio/stage lighting control system, 436, May
- Tobin Cinema Systems, crystal sync generator, 988, Dec.
- TRW LSI Products, unsigned magnitude TTL multiplier, 496, June
- Ultra Audio Pixtec, waveform monitor, WM310A, 306, Apr.
- United Media, Inc., videotape editing system, Commander I, 82, Jan.
- United Recording Electronics Industries, low noise audio equalizer, Model 537, 307, Apr.
- US JVC Corp., edit/g videocassette recorder, CR-8200U, 918, Nov.
- , magnetic videodisk system, VM-1200, 634, Aug.
- , videocassette recorder, Model CR-6600U, 636, Aug.
- , videotape editing controllers, 822, Oct.
- Video Automation Systems, Inc., controller for automation of VHS and Betamax recorders, 82, Jan.
- , Secure Copy anti-piracy system, 85, Jan.
- Visual Information Institute, signal sources, 496, June
- , Sync Source 1301 accessory, CCTV sync generator, 148, Feb.
- Visual Methods, Inc., fiber optics lens, FO 38611, 146, Feb.
- , time and date generator, 217, Mar.

Westrex, light bar audio recording meter, 705, Sept.
 Wide Range Electronics Corp., automatic dialogue replacement unit (ADR), 494, June
 —, optical recorder, 816, Oct.
 Wolf Coach, Inc., Hippo video production unit, 550, July
 World Video, Inc., color video monitor, 436, May
 —, Trinitron color receiver/monitors, 638, Aug.

NEW PRODUCTS AND DEVELOPMENTS

(listed by Subject; see also listing by Company above)

ANIMATION

Animation planning board, The Fax Co., 309, Apr.
 Control system for animation stands, Cinetron Computer Systems, 218, Mar.

CAMERAS AND ACCESSORIES

Arri follow-focus system, Arriflex Corp., 820, Oct.
 Arri shoulder cushion, Arriflex Corp., 820, Oct.
 Arriflex Image Stabilizer, Arriflex Corp., 78, Jan.
 Camraprompter, film/video prompting system, Cinema Products Corp., 548, July
 Codemaster, edge numbering, Acmade Technologies Inc., 308, Apr.
 Director's Viewfinder, Arriflex Corp., 80, Jan.
 High speed camera, 16SR, Arriflex Corp., 816, Oct.
 Moviecam 3N, 35-mm camera, Moviecam Corp. of America, 78, Jan.
 Photo-Sonics handheld 70-mm cine/pulse camera, Instrumentation Marketing Corp., 639, Aug.
 Porta-Power battery pack system, Media Concepts Inc., 912, Nov.
 Super 8 camera, 128 XL, Eumig (USA) Inc., 640, Aug.
 Super 8 silent camera, 125XL, Eumig (U.S.A.) Inc., 820, Oct.
 Time and date generator for 16-mm cameras, Visual Methods, Inc., 217, Mar.
 Vari-Frame Drive System, Continental Camera Systems, Inc., 982, Dec.
 Vinten post pan and tilt head type 78, Listec Television Equipment Corp., 80, Jan.
 WRC lens control system for motion picture cameras, 980, Dec.

CONVERTERS

Digital-to-analog converter, DAC9331-14, 148, Feb.
 Microcircuit D/A converter, Hybrid Systems Corp., 498, June

DATA STORAGE, RETRIEVAL

Digital tape I/O control unit, Quantex Corp., 638, Aug.
 Optical memory disk for laser recording, Type D-1201, Drexler Technology Corp., 638, Aug.
 Vertical interval machine control system, Candex Pacific Inc., 820, Oct.

FILM

Eastman sound recording II film 5373/7373, Eastman Kodak Co., 145, Feb.
 Edge printer, Evergreen Film Service, 497, June
 Film cleaning/conditioning system, Lipsner-Smith Corp., 304, Apr.
 Perf-Fix machine, new features, Perf-Fix Company, 308, Apr.

EDITING EQUIPMENT

Big Time stop watch/clock, Birns & Sawyer, 642, Aug.
 Codemaster Film Edge Numbering Machine, Acmade International, 990, Dec.
 Electronic counter, dubbing and preview, PAG Films Ltd., 990, Dec.
 Reader, TCR-119 for time code reading, Gray Engineering Laboratories, 438, May
 Rewind table, S80, Acmade International, 912, Nov.
 SMPTE code receiver, character generator, video source identifier and demultiplexer, DR 120, Gray Engineering Laboratories, 146, Feb.

SMPTE edit code time base corrector, TBC-117, Gray Engineering Laboratories, 146, Feb.
 SMPTE Time Code Generator, SETC-1, Multi-Track Magnetics, 920, Nov.
 Switcher, SWI-100, Convergence Corp., 639, Aug.
 Time code editing system, AE-600, modified, RCA Broadcast Systems, 634, Aug.
 Twinpic editing machine, Acmade International, 988, Dec.
 Videotape editing controllers, US JVC Corp., 822, Oct.
 Videotape editing system, Commander I, United Media, Inc., 82, Jan.
 Videotape editing system, ECS-90, Convergence Corp., 550, July
 Videotape editing systems added to ECS-100 series, Convergence Corp., 214, Mar.

GENERAL

Anti-piracy system, Secure Copy 3, Video Automation Systems, Inc., 85, Jan.
 Automatic tape degasser, TTD-501, TeleMation, 84, Jan.
 Dancan storage shipper, Morten Jacobsen Trading ApS, 990, Dec.
 Plio-Magic shipping cases, Plastic Reel Corp., 85, Jan.

LABORATORY PRACTICE

Film cleaning and conditioning system, Electro-Chemical Products Corp., 826, Oct.
 Film cleaning machine, Kentronics Corp., 826, Oct.
 Film processor, Super Colormaster, Houston Fearless 76, 639, Aug.
 Motion picture optical printer, Model 7650LP, Pioneer Cine, 980, Dec.
 Rotex SAS, wash water silver adsorption system, Snook Corp., 980, Dec.
 Tape cleaner/evaluator, Elcon Magnetek, Television Equipment Associates, 82, Jan.
 Water recycling system, Pacex Model 15, Pace International Corp., 495, June

LENSES, OPTICS

Automatic microphone mixer, Model 7510, James B. Lansing Sound, Inc., 640, Aug.
 Lens and optics cleaner, Optec 2, Amertec High Performance Products, 642, Aug.
 Lens, rigid fiber optic FO 38611, Visual Methods, Inc., 146, Feb.
 Lens, ultra high resolution, Fujinon Optical Inc., 145, Feb.
 Lenses, low light level, auto iris, L3TAVI, Lenzar Optics Corp., 145, Feb.
 Optical fiber refractive index profiler, Boston Electronics Corp., 639, Aug.
 Super wide angle adapter for prism type video cameras, Angenieux Corp. of America, 642, Aug.
 Television lens, high resolution, 14x, Fujinon Optical Inc., 704, Sept.
 Zoom lens, DOZ-16, D.O. Industries, 642, Aug.
 Zoom lens for 16-mm Eiki motion picture projectors, D.O. Industries, 217, Mar.

LIGHTING

Arri 200-W HMI light, Arriflex Corp., 922, Nov.
 Battery-light kits, Cine 60, Inc., 922, Nov.
 Brite-Arc studio lamp, 1200-W, Sylvania Lighting Center, 922, Nov.
 Fresnel spotlights, RDS/HMI, Cinema Products Corp., 436, May
 Frezzi-Lite handheld camera lights, Frezzolini Electronics Inc., 85, Jan.
 HMI light, Ambiarc 200 W, LTM Corp., 306, Apr.
 Lekolite spotlights step-up kits, Strand Century, Inc., 150, Feb.
 Minicomputer studio/stage lighting control system, Theatre Techniques, Inc., 436, May
 Projection lamp, Gemini 300, General Electric, 642, Aug.
 10-in Fresnel, Panoac Lighting Systems and Supply, 990, Dec.

MONITORS

Barco master control color monitors, Rohde & Schwarz Sales Co., 820, Oct.
 Barco portable ENG/EPF color monitor, E&O Systems Ltd., 436, May

Color video monitor, studio, World Video, Inc., 436, May
 ColorTrak video monitor, RCA Consumer Electronics, 984, Dec.
 Monitors, PCM-500 series, Lenco, Inc., 214, Mar.
 Trinitron color receive/monitors, World Video, Inc., 638, Aug.
 Videotape monitoring unit, Marconi Electronics, Inc., 40, June

PROJECTORS, PROJECTION EQUIPMENT

Pacer-35 projection system, Pioneer Marketing Corp., 304, Apr.
 Projector, Christie Electric Corp., 820, Oct.
 Super 8 silent projector, Eumig (U.S.A.) Inc., 224, Oct.
 Video projector, Aquastar III B, Electronic Systems Products, 984, Dec.

SOUND

Acoustic chamber synthesizer, Micmix Audio Products, Inc., 306, Apr.
 Audio duplicator, Model DP-4050-C2, Otari Corp., 494, June
 Audio equalizer, Model 1000B, Spectra Sound, 548, July
 Audio flanger, Model 4000, Spectra Sound, 493, June
 Automatic dialogue replacement unit, Wide Range Electronics Corp., 494, June
 Compex limiter, upgraded versions, Audio & Design (Recording) Ltd., 307, Apr.
 Crystal sync generator, Tobin Cinema Systems, 988, Dec.
 Cue Vue Model CV 150, device for enhancing sound mix, Cue Vue, 218, Mar.
 Digital delay lines, Eventide Clockworks, Inc., 988, Dec.
 Light bar audio recording meter, Westrex, 705, Sept.
 Loudspeaker system, SA-8, Smart Theatre Systems, 988, Dec.
 Loudspeaker systems, motion picture theaters, James B. Lansing Sound, Inc., 307, Apr.
 Low noise audio equalizer, Model 537, United Recording Electronics Industries, 307, Apr.
 Master-Room XL-210 reverberation system, MicMix Audio Products, Inc., 990, Dec.
 Microphone, AKG D-130, Philips Audio Video Systems Corp., 85, Jan.
 Microphone, AKG, D-222EB, AKG Acoustics, 150, Feb.
 Microphone, C-567, AKG Acoustics, Philips Audio Visual Systems Corp., 498, June
 Microphone, SM63-CN, Shure Brothers Inc., 824, Oct.
 Microphones, Panasonic, 306, Apr.
 Nady VHF handheld wireless microphone, Nady Systems, 988, Dec.
 Optical recorder, 16/35-mm combination, Wide Range Electronics Corp., 816, Oct.
 Sound effects generator, DN34 analog time processor, Klark-Teknik Research Ltd., 84, Jan.
 Studio audio monitor, Sentry 100, Electro-Voice, Inc., 552, July
 Wireless microphone antenna system, Quad case, Cetec Vega, 824, Oct.
 Wireless microphone, Mobile Diversity System, Micron Audio Products, 498, June

SWITCHERS

Eurocard modules for assembling vision and sound switching systems, Pro-Bel Ltd., 438, May

TELECINE

Color correction systems for TK-29C telecine camera, RCA Broadcast Systems, 816, Oct.
 Telecine system, Model 1550B, Cohu, Inc., 80, Jan.
 TOPSY accessory to Mark III telecine, Rank Cintel, 148, Feb.

TELEVISION, CAMERAS, VTRS

Ampligard headset, Television Equipment Assoc., 148, Feb.
 Barco television demodulator, AVD-33, E&O systems Ltd., 436, May

Battery for RCA TK-76 camera and 100-W Sun Gun, Film Equipment Service Co., 984, Dec.

Battery pack, Frezzolini Electronics Inc., 912, Nov.

Battery packs for ENG/EFP cameras, Cine 60, Inc., 642, Aug.

Battery packs for VTRs, Cine 60, Inc., 984, Dec.

Cam head, Mk 7 L.F., Listec Television Equipment Corp., 639, Aug.

Color monitor, AM-26, Amtron Corp., 916, Nov.

Color television camera for use with Omnivision II VHS recorders, Panasonic, 216, Mar.

Color television cameras, Models WV-3200 and WV-3210, Panasonic, 216, Mar.

Cygnat posthead, Listec Television Equipment Corp., 639, Aug.

Digital slow scan transceiver, Model 285, Colorado Video Inc., 216, Mar.

Digital time base corrector, CVS 520, improved version, 84, Jan.

DPE 5000/Plus, digital production effects system, Micro Consultants, 632, Aug.

ENG camera, XC-700, Sharp Electronics Corp., 548, July

ENG tripod and spreader with tripod spreader, Listec Television Equipment Corp., 639, Aug.

ENG/EFP camera, MNC-81A, Cinema Products Corp., 548, July

ENG/EFP portable camera, Hitachi Denshi America Ltd., 78, Jan.

Graphics compose system for Compositor I, TeleMation, 146, Feb.

Low light television camera, ISIT Model 2856C, Cohu, Inc., 306, Apr.

Microscope test slide for television cameras mounted on optical microscopes, Telecommunications Industries, 82, Jan.

Mobile television control center, the Hippo, Wolf Coach Co., 550, July

Modulation monitor, AM-90 AM, Harris Corp., 705, Sept.

Nickel-cadmium power packs for ENG and EFP cameras, Cine 60, Inc., 820, Oct.

Plover remote and studio pedestal, Listec Television Equipment Corp., 639, Aug.

Plumbicon, low capacitance, Type 45XQ, Amerex Electronic Corp., 912, Nov.

Quick-On Camera Mount, Quickset, Inc., 982, Dec.

RCA TK-76C ENG camera, improvements, RCA Broadcast Systems, 702, Sept.

Roll around console for 1-in Type C VTRs, The Winsted Corp., 309, Apr.

Rotating viewfinder mount accessory for RCA TK760 camera, 217, Mar.

Special effects generator, The Great American Market, 218, Mar.

Sync Source 1301 accessory CCTV sync generator, Visual Information Institute, 148, Feb.

Television camera, KCA 100, Robert Bosch GmbH, 145, Feb.

Television camera support head, Model ITE-H6, Innovative Television Equipment, 217, Mar.

The Image System automation, image enhancement, small VTRs, Faroudja Laboratories, 638, Aug.

TK-29 telecine systems, RCA Broadcast Systems, 702, Sept.

Vertical interval reference signal generator, Television Equipment Assoc., 146, Feb.

Video camera, computer-compatible, Model C-1000, Hamamatsu Corp., 393, June

Video compressor, ADDA Corp., 982, Dec.

Video system trolley, VS/1000, KLM Associates, 220, Mar.

Videotape recorder, helical scan, 1-in, TR-800, RCA Broadcast Systems, 632, Aug.

Videotape recorder, 3M/NEC Model TT-7000, 214, Mar.

Wheelit, IFP-20, vehicle for video equipment, 922, Nov.

600-slide controller, Eigen, 82, Jan.

TESTS, MEASUREMENTS AND QUALITY CONTROL

Acoustic analyzer, Model 500, X-Y plotter interface, 498, June

Barco TV modulator, Rohde & Schwarz Sales Co., 820, Oct.

Color U-type editing videocassette recorder, CR-8200U, US JVC Corp., 918, Nov.

Densitometers, Brumac Industries, 496, June

Digital video processor, DS-30, Quantex Corp., 702, Sept.

Frequency counter, Model 6001, Continental Specialties Corp., 498, June

Function generator, Model LFG-1300S, Leader Instruments Corp., 496, June

Line extender amplifier, RCA Cablevision Systems, 308, Apr.

Logic monitor, Model LM-3, Global Specialties Corp., 552, July

Noise source, HP 346 B, Hewlett-Packard, 218, Mar.

Oscilloscope, dual trace, OS1200, Gould Inc., 551, July

Oscilloscope, Gould, Inc., 218, Mar.

Oscilloscope, LBO-515, Leader Instruments Corp., 552, July

Signal sources, selectable scan rate test pattern generators, Visual Information Institute, 496, June

Spectroradiometer, PR 1980B Pritchard, Photo Research Div. of Kollmorgen Corp., 497, June

Spectrum analyzer, Model TF2371, Marconi Instruments, 551, July

Television modulator, Barco Electronic n.v., 308, Apr.

Test instrument, audio equipment, Neal Ferrograph U.S.A., 307, Apr.

Universal counter-timer, Model 5001, Global Specialties Corp., 552, July

Unsigned magnitude TTL multiplier, TRW LSI Products, 496, June

Video and pulse delay lines, Television Equipment Assoc., 308, Apr.

Videocassette recorder, miniaturized, Technicolor, Inc., 982, Dec.

Waveform monitor, WM310A, Ultra Audio Pixtec, 306, Apr.

VIDEOCASSETTES

Automation controller for VHS, Betamax recorders, 82, Jan.

Head-cleaning cassettes, Fuji Magnetic Tapes, 310, Apr.

Videocassette head cleaners, VHS and Beta, 3M Magnetic Audio/Video Products Div., 220, Mar.

Videocassette tape changer, automatic, Model AG-200, Sony Consumer Products Co., 638, Aug.

Videocassette, U-format, Model CR-6600U, US JVC Corp., 636, Aug.

VIDEO DISKS

Magnetic videodisk system, VM-1200, US JVC Corp., 634, Aug.

VIDEOTAPE

Audio analyzer, Hewlett-Packard, 989, Dec.

Microwave link analyzer for digital radio testing, Hewlett-Packard, 824, Oct.

Time Code Generator/Reader, Model PTC-100, Skotel Corp., 984, Dec.

Universal Counter, HP 5335, Hewlett-Packard, 989, Dec.

Videotape, 2-in helical for IVC 9000 recorders, 3M Magnetic Audio/Video Products Div., 310, Apr.

TRANSMISSION

Television interval timer, Marconi Instruments, 822, Oct.

VHF transmitter, RCA Broadcast Systems, 822, Oct.

OBITUARIES

Berger, Hellmut H., 970, Dec.

Clark, John R., Jr., 970, Dec.

Curran, Sir Charles, 298, Apr.

Duncan, Cyril John, 60, Jan.

Edouart, A. Farciot, 553, July

Freedman, Alan E., 974, Dec.

Hickman, Kenneth, C. D., 300, Apr.

Holm, Wilton R., 60, Jan.

Howse, Samuel Eric, 60, Jan.

Hyndman, Donald E., 694, Sept.

Jantzen, Charles A., 974, Dec.

Maurer, John Aulsbrook, 424, May

McCullough, John B., 553, July

Miller, Arthur J., 553, July

Mitchell, George A., 694, Sept.

Moye, Billy F., 424, May

Owens, Freeman H., 300, Apr.

Quiroga, Alex, 298, Apr.

Reynolds, Ernest M., 976, Dec.

Sawyer, Gordon E., 976, Dec.

Sheahan, William M., 62, Jan.

Vandette, Jean-Louis, 696, Sept.

Volkman, John E., 812, Oct.

OPTICAL FIBER TECHNOLOGY

Fiber-optical signal transmission between a TV camera and base station, *Marey*, 942-946, Dec.

Fiber optics, TV communications, *Gargini*, 850-854, Nov.

OPTICS

Lens system, rotating, cine projection, continuous film transport, *Verbeek*, 167-173, Mar.

Projection lenses for 35-mm cinema projectors, *Macher*, 465-467, June

OTHER ORGANIZATIONS

BKSTS 81, 486, June

Montreux International Audiovisual Symposium, 772, Oct.

NAB Convention, 13-16 April 1980, 591-593, Aug.

National Association of Television Program Executives, 17th Conference, 535, July

PHOTOGRAPHIC THEORY AND MATERIALS

Motion pictures, holography, *Komar and Ioshin*, 927-930, Dec.

Solid state sensor arrays, photographic speed, *Moser, Ahrenkiel, and Burkey*, 841-845, Nov.

PROGRESS COMMITTEE REPORTS

European Broadcasting Union, addendum to Progress Report, 605-606, Aug.

India, addendum to the Progress Committee Report, 469, June

Jordan — television, addendum to the Progress Committee Report, 469, June

Multilingual television, addendum to the Progress Report on Canada, May 1980 *Journal*, 467, June

Photoinstrumentation, addendum to the Progress Report on Photoinstrumentation in the May 1980 *Journal*, 470, June

Progress Committee Report for 1979, *Chairman Charles E. Anderson*, (See Addenda, 467-470, June; 605-606, Aug.), 313-376, May

The People's Republic of China, addendum to the Progress Committee Report, 468, June

PROJECTORS AND PROJECTION (see also TELEVISION)

ANSI Standard, Proposed, PH22.28, Dimensions for 35- and 70-mm motion picture projection lenses and mounts, 192, 193, Mar.

ANSI Standard, Proposed, PH22.35, Dimensions of universal intermittent sprockets for 35-mm motion picture projectors, 192, 194, Mar.

High speed 35-mm projector, ST-DCS, Multi-Track Magnetics, 918, Nov.

ISO Standard 2467-1980 (E), Image area produced by 65- and 70-mm motion picture camera aperture and maximum projectable image area on 70-mm motion picture prints: positions and dimensions, 956, Dec.

Lens system, rotating, cine projection, continuous film transport, *Verbeek*, 167-173, Mar.

Projection lenses for 35-mm cinema projectors, *Macher*, 465-467, June

SMPTTE Committee on Theatrical Projection Technology, report, *Baer*, 43-44, Jan.

SOCIETY ACTIVITIES

Committees and Working Groups

Audio Recording and Reproduction, committee report, *Allen*, 44-45, Jan.
Educational, Industrial and Consumer Film Technology, committee report, *Schieman*, 43, Jan.
European Broadcasting Union, addendum to Progress Report, 605-606, Aug.
Film Technology, committee report, *Knutsen*, 44, Jan.
Laboratory Services Technology, committee report, *Ehrenberg*, 44, Jan.
New Technology, committee report, *Remley*, 43, Jan.
Progress Committee Report for 1979, *Chairman Charles E. Anderson*, (See Addenda, 467-470, June; 605-606, Aug.), 313-376, May
SMPTE Committee on Audio Recording and Reproduction Technology, request from *Chairman Michael Strong*, 772, Oct.
SMPTE study group on high-definition television, report, *Fink*, 89-94, Feb.; 153-161, Mar.
SMPTE Sponsors New Digital Television Tape Recording Study Group, *Connolly*, 45, Jan.
SMPTE/PMPEA Working Group for Studio Lighting Hardware for Standardization, report, *Phillips*, 43, Jan.
Standards Committee, report, *Hall*, 42, Jan.
Television Video Technology, committee report, *Fisher*, 44, Jan.
Theatrical Projection Technology, committee report, *Baer*, 43-44, Jan.
Videotape recording glossary, *SMPTE Working Group on Nomenclature*, 731-734, Oct.
Working group on diagnostic medical imaging formed, *Kenneth Lisk, Chairman*, 45, Jan.

Conferences and Seminars

Chicago Section holds fifth spring seminar, 10 May 1980, *Fried*, 678, 682, Sept.
Mini-conference report, Rochester/Toronto/Montreal-Ottawa-Quebec, *Robinson*, 533-535, July
SMPTE Television Conference, 14th, Toronto, report, 390-406, May
SMPTE Television Conference, 6-7 February 1981, San Francisco, Announcement, 604, Aug.
121st Technical Conference, Report, *Ross, Rodger J., et al.*, 2-42, Jan.
122nd Conference and Equipment Exhibit, Advance Program, 742-770, Oct.
122nd Technical Conference and Equipment Exhibit, 742-770, Oct.
122nd Technical Conference Announcement, 192, Mar.; 263, Apr.; 389, May; 471, June; 675, Sept.
14th annual SMPTE television conference, announcement, 49, Jan.
14th SMPTE Television Conference, Toronto, 1-2 February 1980, 390-406, May
15th SMPTE Television Conference, 6-7 February 1981, San Francisco, Advance Program, 950-952, Dec.

Constitution and Bylaws

Minutes, Special Meeting of Voting Members of the SMPTE, 192, Mar.; 595, Apr.

Education

Scholarships and Grants, announcement, 388, May

Financial Reports

1979 Financial Report, 607, 608, Aug.

General

FTC Bill signed into law, 29 May 1980, 594-595, Aug.

Membership

Minutes Special Meeting Voting Members SMPTE, 952, Dec.
New Sustaining Members, 280-282, Apr.
Special meeting SMPTE voting members, 674, Sept.

Publications

Digital Video, Vol. 3, new SMPTE Publication, 535, July

First *Journal* issue, reproduction, 51, Jan.
Golden Anniversary *Journal* issue, Jan.

Sections Activities

Australian Section, special meeting, 613, Aug.
Chicago Section holds fifth spring seminar, 10 May 1980, *Fried*, 678, 682, Sept.
Mini-Conference, Rochester/Toronto/Montreal-Ottawa-Quebec, 533, July
Rochester Institute of Technology, Joint Student Chapters, 284, Apr.
SMPTE Training Program for Section Chairmen, 196-201, Mar.
Speakers Bureau Established, 202, Mar.

Sections Meetings

Atlanta, 68, Jan.; 133, Feb.; 284, Apr.
Australia, 613, Aug.; 690, Sept.; 802, Oct.
Chicago, 68, Jan.; 133, Feb.; 284, Apr.; 476, June; 613, Aug.
Dallas/Fort Worth, 133, Feb.; 206, Mar.; 286, Apr.; 428, May; 476, June; 690, Sept.; 804, Oct.
Detroit, 68, Jan.; 133, Feb.; 284, Apr.; 476, June; 613, Aug.; 690, Sept.
Florida/Caribbean, 133, Feb.; 206, Mar.; 286, 290, Apr.; 613, 614, Aug.; 804, Oct.
Hollywood, 133, Feb.; 292, Apr.; 476, June; 614, Aug.; 690, Sept.; 978, Dec.
Houston, 208, Mar.; 476, 480, June; 544, July; 614, Aug.
Montreal/Ottawa/Quebec, 133, Feb.; 426, May; 890, 894, Nov.
Nashville, 292, Apr.; 480, June; 614, Aug.
New England, 68, Jan.; 208, Mar.; 544, July; 615, Aug.; 808, Oct.
New York, 70, Jan.; 136, Feb.; 208, Mar.; 292, Apr.; 428, May; 544, July; 615, Aug.; 692, Sept.; 808, Oct.
Ohio, 208, Mar.; 480, June; 546, July; 615, Aug.; 808, Oct.; 894, Nov.
Pacific/Northwest, 136, Feb.; 208, Mar.; 294, Apr.; 480, June; 808, Oct.
Philadelphia, 294, Apr.; 426, May; 546, July; 615, Aug.; 692, Sept.; 978, Dec.
Rochester, 70, Jan.; 136, Feb.; 209, Mar.; 294, Apr.; 428, May; 480, June; 978, Dec.
Rocky Mountain, 70, Jan.; 138, Feb.; 209, Mar.; 294, Apr.; 546, July; 894, Nov.; 978, Dec.
San Francisco, 209, Mar.; 426, 430, May; 615, Aug.; 692, Sept.; 812, Oct.; 894, Nov.; 978, 980, Dec.
Toronto, 138, Feb.; 209, Mar.; 296, Apr.; 428, May
Washington, D.C., 138, Feb.; 296, Apr.; 480, June; 546, July

Test Films

SMPTE Jiffy test film, projector sound and picture, 626, Aug.

SOUND RECORDING

Optical sound recording system using scanned laser beam, *Taneda, Sugiura, Motoki, Miyatera and Umezawa*, 95-97, Feb.
Photographic soundtrack quality, film parameters, relationship, *Uhlig*, 229-234, Apr.
SMPTE Committee on Audio Recording and Reproduction Technology, report, *Allen*, 44-45, Jan.
SMPTE Committee on Audio Recording and Reproduction Technology, request from *Chairman Michael Strong*, 772, Oct.
Sound in broadcasting, digital recording, *Weisser*, 520-524, July
Sound negative film, new, *Uhlig, Erwin, Bolthouse, McNair and Hufford*, 235-239, Apr.
Variable area soundtracks, recording, using laser light-modulating device, *Glazunova, Tsifrinovich and Ezrokh*, 525-527, July

SOUND REPRODUCTION

ISO Standard 4242-1980 (E), Recording head gaps for two sound records on 16-mm magnetic film — position and width dimensions, 670, 673, Sept.
Photographic soundtrack quality, film parameters, relationship, *Uhlig*, 229-234, Apr.

SMPTE Committee on Audio Recording and Reproduction Technology, report, *Allen*, 44-45, Jan.
SMPTE Committee on Audio Recording and Reproduction Technology, request from *Chairman Michael Strong*, 772, Oct.

SPACE EXPLORATION

Pioneer 11 Saturn display system, *Baker*, 557-560, Aug.

STANDARDIZATION

Color television standards worldwide, similarities, differences, *Pritchard and Gibson*, (See Addendum p. 948-949 Dec.), 111-120, Feb.
International standardization, Antwerp, Belgium, 24 September-1 October 1979, *Alden*, 120-123, Feb.
SMPTE Standards Committee, report, *Hall*, 42, Jan.
Working group on diagnostic medical imaging formed, *Kenneth Lisk, Chairman*, 45, Jan.

STUDIOS

Television studio, all-digital, *Davidoff*, 445-447, June

TELEVISION

Audio

Audio signals, transmission by infrared light carrier, *Ankermann*, 834-837, Nov.
Multiplex methods, stereophonic sound, multilingual television, broadcast services, *Halstead and Burden*, 513-519, July

Cameras and Pickup Tubes

Pickup tube, TK-47 camera, *Bendell and Johnson*, 838-841, Nov.
RCA P-300 test chart, method of specifying the resolving power of television camera tubes, *Miller*, 249-256, Apr.
Satcon pickup tube, 30-mm high performance, *Month*, 505-507, July

Captioning

Captioning for the deaf, PBS progress report, *Wells*, 656-658, Sept.

Charge Coupled Devices

Line-array CCD telecine, color operation, *Childs and Sanders*, 100-106, Feb.

Color Signals

Addendum to "Worldwide color television standards: similarities and differences," *Robin*, 948-949, Dec.
Color error formulas, *Robertson*, 947, Dec.

Digital Television

Digital frame memory for still picture television receivers, PASS encoding system and application, *Yoshino and Ohya*, 257-262, Apr.
Digital television signals, network distribution, *Connor*, 935-938, Dec.
Digital television transmission with 34 Mbit/s, *Burkhardt and Wasser*, 244-248, Apr.
Digital video recording, separate components, *Nasse*, 188-191, Mar.
PCM color television, method for exactly decodable, *Quick*, 570-573, Aug.
Television studio, all-digital, *Davidoff*, 445-447, June
Video A/D converter, monolithic (single chip), *Bucklen*, 573-578, Aug.

Film for Television

Eastman sound recording TT film 5373/7373, Eastman Kodak Co., 145, Feb.

General

Orient, Southeast Asia, Australia, motion picture, television technology, a report, *Endelman, Ryan, Smith, Yang and Zavada*, 855-869, Nov.
SMPTE Committee on Television Video Technology, committee report, *Fisher*, 44, Jan.

SMPTE Television Conference, 14th, Toronto, report, 390-406, May
Television in China, brief account, 276, Apr.

Graphics

Graphics, color, animation, minicomputer, *Asamizuya and Futai*, 721-724, Oct.

High Definition Television

High-definition television system, signal standard and transmission, *Fujio, Ishida, Komoto and Nishizawa*, 579-584, Aug.
High-definition TV, universal weighted power function of television noise, *Fujio*, 663-669, Sept.
SMPTE study group on high-definition television, report, *Fink*, 89-94, Feb., 153-161, Mar.

Lenses and Optical Systems

Lens, rigid fiber optics, FO 38611, Visual Methods, Inc., 146, Feb.
Lens, ultra high resolution, Fujinon Optical Inc., 145, Feb.
Lenses, low light level, auto iris, L3TVAI, Lenzar Optics Corp., 145, Feb.
Zoom lens for 16-mm Eiki motion picture projectors, D.O. Industries, 217, Mar.

Measurements and Tests

Broadcast television, interframe coding technique, *Limb and Bowen*, 451-457, June
White balance adjustment, reference monitor, *Honjyo, Shimada and Saeki*, 727-730, Oct.

Nonbroadcast Television

Video image sensor, low contrast, *Frame*, 717-720, Oct.

Picture Tubes

Measuring camera-tube resolution with the RCA P200 test chart, *Neuhauser*, 97-100, Feb.

Satellite Technology

Digital television transmission with 34 Mbit/s, *Burkhardt and Wasser*, 244-248, Apr.
Satellite broadcasting, 12-GHz band FM receiver, *Konishi, Hoshino, Utsumi and Matsumura*, 162-166, Mar.

Signal Processing

Audio signals, transmission by infrared light carrier *Ankermann*, 834-837, Nov.
Digital methods, picture origination equipment, *Sanders*, 938-942, Dec.
Fiber-optical signal transmission between a TV camera and base station, *Marey*, 942-946, Dec.
PCM color television, method for exactly decodable, *Quick*, 570-573, Aug.
Video A/D converter, monolithic (single chip), *Bucklen*, 573-578, Aug.

Switching Systems

Digital television signals, network distribution, *Connor*, 935-938, Dec.
Fiber optics, TV communications *Gargini*, 850-854, Nov.
Switching system production, automation, *Davis*, 725-727, Oct.

Telecine

Line-array CCD telecine, color operation, *Childs and Sanders*, 100-106, Feb.

TOPSY accessory to Mark III telecine, Rank Cintel, 148, Feb.

Teletext

Teletext systems, prospective user, *Ciciora*, 846-849, Nov.

Transmission

Digital Television signals, network distribution, *Connor*, 935-938, Dec.
Fiber-optical signal transmission between a TV camera and base station *Marey*, 942-946, Dec.
High-definition television system, signal standard and transmission, *Fujio, Ishida, Komoto and Nishizawa*, 579-584, Aug.
High-definition TV, universal weighted power function of television noise, *Fujio*, 663-669, Sept.
Video image sensor, low contrast, *Frame*, 717-720, Oct.

Visual Field

Visual wide field display, psychophysical analysis of sensation of reality, *Hatada, Sakata and Kusaka*, 560-569, Aug.

TESTS AND MEASUREMENTS

ANSI Standard, Proposed, V98.26M, Specifications and conditioning of raw tape stock used to record reference tapes for 1-in helical scan videotape recorders, 735, 736, Oct.
ANSI Standard, Proposed, V98.27M, Basic system and transport geometry parameters for 1-in type C helical scan videotape reference recorders for video and audio reference tapes, 735, 736, Oct.
ANSI Standard, Proposed, V98.28M, Dimensions and location of records on video and audio reference tapes for 1-in type C helical scan videotape recorders, 735, 738, Oct.
Measuring camera-tube resolution with the RCA P200 test chart, *Neuhauser*, 97-100, Feb.
RCA P-300 test chart, method of specifying the resolving power of television camera tubes, *Miller*, 249-256, Apr.
SMPTE Recommended Practice, Proposed, RP 100, Interchange reference tape for 1-in type C helical scan videotape recorders, 735, 741, Oct.
SMPTE Recommended Practice, Proposed, RP 99, Video and audio reference tape for 1-in type C helical scan videotape recorders, 735, 739, Oct.
Solid state sensor arrays, photographic speed, *Moser, Ahrenkiel, and Burkey*, 841-845, Nov.

VIDEOTAPE

Recording and Recorders

Ampex auto scan tracing system, development, *Hathaway and Ravizza*, 931-934, Dec.
ANSI Standard, C98.16M-1980, Dimensions and location of records for 1-in type B helical scan videotape recordings, 263, 265, Apr.
ANSI Standard, C98.15M-1980, Basic system parameters for 1-in type B helical scan videotape recording, 263, 264, Apr.
ANSI Standard C98.17M-1980, Frequency response and operating level of recorders and reproducers for audio records for 1-in type B helical scan videotape recording, 263, 266, Apr.
ANSI Standard, C98.21M-1980, Dimensions and location of records for 3/4-in type E helical scan videotape cassette recording, 376, 379, May

ANSI Standard, C98.22M-1980, Dimensions of video cassette for 3/4-in type E helical scan videotape recording, 376, 382, May
ANSI Standard, C98.23M-1980, Dimensions and location of records and basic electrical parameters for 1/2-in type F helical scan videotape recording, 376, 385, May
ANSI Standard, Proposed, V98.24M, Dimensions of video magnetic tape reels for 1-in helical scan video recorders, 530, 531, July
ANSI Standard, Proposed, V98.25M, Dimensions of 1-in video magnetic recording tape, 530, 532, July
ANSI Standard, Proposed, V98.26M, Specifications and conditioning of raw tape stock used to record reference tapes for 1-in helical scan videotape recorders, 735, 736, Oct.
ANSI Standard, Proposed, V98.27M, Basic system and transport geometry parameters for 1-in type C helical scan videotape reference recorders for video and audio reference tapes, 735, 736, Oct.
ANSI Standard, Proposed, V98.28M, Dimensions and location of records on video and audio reference tapes for 1-in type C helical scan videotape recorders, 735, 738, Oct.
Digital video recording, experiments, *Morizono, Yoshida and Hashimoto*, 658-662, Sept.
Digital video recording, separate components, *Nasse*, 188-191, Mar.
SMPTE Recommended Practice, Proposed, RP 100, Interchange reference tape for 1-in type C helical scan videotape recorders, 735, 741, Oct.
SMPTE Recommended Practice, Proposed, RP 26, Label specifications for quadruplex and helical scan video magnetic tape recordings, 376, 379, May
SMPTE Recommended Practice Proposed, RP 99, Video and audio reference tape for 1-in type C helical scan videotape recorders, 735, 739, Oct.
SMPTE Recommended Practice, Proposed, RP101, Requirements for recording american national standard time and control code on quadruplex videotape recorders, 953, Dec.
SMPTE Recommended Practice, Proposed, RP102, Frequency response and operating level of recorders and reproducers for audio 2 record for 2-in quadruplex video magnetic tape operating at 15 adn 7.5 in/s, 954, Dec.
SMPTE Recommended Practice, RP 6-1979, Recorded Carrier frequencies and pre-emphasis characteristics for 2-in quadruplex video magnetic tape recording for 525 line/60-field television system, 45, 46, Jan.
SMPTE Recommended Practice, RP87-1980, Reference carrier frequencies, pre-emphasis characteristic and audio and control signals for 3/4-in type E helical scan videotape cassette recording, 376, 377, May
SMPTE Recommended Practice, RP88-1980, Reference carrier frequencies and pre-emphasis characteristic for 1/2-in type F helical scan videotape recording, 376, 378, May
SMPTE Recommended Practice, RP 83-1980, Specifications of tracking control record for 1-in type B helical scan videotape recording, 263, 267, Apr.
Video recording technology, longitudinal, overview, *Sadashige*, 501-504, July
Videotape recorder, digital, experimental, *Yokoyama, Nakagawa and Katayama*, 173-180, Mar.
Videotape recording glossary, *SMPTE Working Group on Nomenclature*, 731-734, Oct.

INDEX TO AUTHORS — January–December 1980 • Volume 89

A

- Ahrenkiel, R. K., See Moser, F., et al.
 Alden, Alex E., International standardization, Antwerp, Belgium, 24 September–1 October 1979, 120–123, Feb.
 Allen, J., Audio Recording and Reproduction, 44–45, Jan.
 Anderson, Charles E., *Chairman*, Progress Committee Report for 1979, (See Addenda, 467–470, June; 605–606, Aug.), 313–376, May
 Ankermann, Horst A., Transmission of Audio Signals by Infrared Light Carrier, 834–837, Nov.
 Asamizuya, Noboru, and Futai, Tatuo, Color Graphics and Graphic Animation by Minicomputer, 721–724, Oct.

B

- Baer, J. G., Committee on Theatrical Projection Technology Report, 43–44, Jan.
 Baker, L. Ralph, Pioneer 11 Saturn Display System, 557–560, Aug.
 Bard, Charleton C., Recovery and Reuse of Color Developing Agents, 225–228, Apr.
 Bendell, Sydney L., and Johnson, Cydney A., Matching the Performance of a New Pickup Tube to the TK-47 Camera, 838–841, Nov.
 Bolthouse, J., See Uhlig, R., et al.
 Bowen, E. G., See Limb, J. O.
 Brandt, Donald C., The Application of Reverse Osmosis to Recover Photographic Processing Wastes, 829–833, Nov.
 Bucklen, Willard K., A Monolithic (Single-Chip) Video A/D Converter, 573–578, Aug.
 Burden, Richard W., See Halstead, William S.
 Burke, B. C., See Moser, F., et al.
 Burkhardt, Roland, and Wasser, Josef, Digital Television Transmission With 34 Mbit/s, 244–248, Apr.
 Busby, E. Stanley, Jr., Digital Recording on Videotape: Some Choices, 508–512, July

C

- Childs, Ian, and Sanders, J. Richard, Color Operation of a Line-Array CCD Telecine, 100–106, Feb.
 Ciciora, Walter, Teletext Systems: Considering the Prospective User, 846–849, Nov.
 Connolly, William, SMPTE Sponsors New Digital Television Tape Recording Study Group Report, 45, Jan.
 Connor, Denis J., Network Distribution of Digital Television Signals, 935–938, Dec.

D

- Davidoff, Frank, The All-Digital Television Studio, 445–447, June
 Davis, John T., Automation of a Production Switching System, 725–727, Oct.

E

- Ehrenberg, J. M., Committee on Laboratory Services Technology Report, 44, Jan.
 Endelman, Lincoln, Ryan, Roderick T., Smith, Robert M., Yang, Paul, and Zavada, Roland, Motion Picture and Television Technology in the Orient, Southeast Asia and Australia: A Report, 855–869, Nov.
 Erwin, J., See Uhlig, R., et al.
 Ezrokh, L. I., See Glazunova, V. I., et al.

F

- Fink, Donald G., The Future of High-Definition Television: First Portion of a Report of the SMPTE Study Group on High-Definition Television, 89–94, Feb.; 153–161, Mar.
 Fisher, M., Committee on Television Video Technology, 44, Jan.
 Flaherty, Joseph A., and Nicholls, William C., Editing Systems for Single Camera Videotape Production, 458–461, June
 Frame, Wayne W., Low Contrast Video Image Sensor — Performance and Considerations, 717–720, Oct.
 Friend, Byron L., Chicago Section Holds Fifth Spring Seminar 10 May 1980, 678, 682, Sept.
 Fujio, Takashi, Ishida, Junichi, Komoto, Taro, and Nishizawa, Taiji, High-Definition Television System — Signal Standard and Transmission, 579–584, Aug.
 Fujio, Takashi K., A Universal Weighted Power Function of Television Noise and Its Application to High-Definition TV System Design, 663–669, Sept.
 Futai, Tatuo, See Asamizuya, Noboru

G

- Gargini, Eric, J., Fiber Optics in the Spread of TV Communications, 850–854, Nov.
 Gibson, J. J., See Pritchard, D. H.
 Glazunova, V. I., Tsifrinovich, L. G., and Ezrokh, L. I., Recording of Variable Area Soundtracks Using a Laser Light-Modulating Device, 525–527, July

H

- Haig, Ronald, N., Film Cleaning by Ultrasonic Liquid Cavitation and Acceptable Solvents, 240–243, Apr.
 Hall, J. P., Standards Committee Report, 42, Jan.
 Halstead, William S., and Burden, Richard W., Stereophonic Sound and Multilingual Television Broadcast Services by Multiplex Methods, 513–519, July
 Hanson, Wesley T., Jr., The Evolution of Motion Pictures in Color, 528–530, July
 Hashimoto, Yoshitaka, See Morizono, Masahiko, et al.
 Hatada, Toyohiko, Sakata, Haruo, and Kusaka, Hideo, Psychophysical Analysis of the "Sensation of Reality" Induced by a Visual Wide-Field Display, 560–569, Aug.
 Hathaway, R. A., and Ravizza, Ray, Development and Design of the Ampex Auto Scan Tracing AST System, 931–934, Dec.
 Honjo, Kazuo, Shimada, Tamotsu, and Saeki, Yukimi, A Reference Monitor for White Balance Adjustment, 727–730, Oct.
 Horguchi, Takashi, New 16-mm Fujicolor Reversal Films RT500 and RT125, 645–649, Sept.
 Hoshino, N., See Konishi, Y., et al.
 Hufford, R., See Uhlig, R., et al.

I

- Ioshin, O. I., See Komar, V. G.
 Ishida, Junichi, See Fujio, Takashi, et al.

J

- Johnson, Cydney A., See Bendell, Sydney L.

K

- Katayama, H., See Yokoyama, K., et al.
 Klein, Denys, An Electronic Ballast for Straightforward Use of Metal Halide Arc Lamps, 714–716, Oct.
 Knutsen, E. V., Committee on Film Technology Report, 44, Jan.
 Komar, V. G., and Ioshin, O. I., Motion Pictures and Holography, 927–930, Dec.
 Komoto, Taro, See Fujio, Takashi, et al.
 Konishi, Y., Hoshino, N., Utsumi, Y., and Matsumura, H., A 12-GHz-Band FM Receiver for Satellite Broadcasting, 162–166, Mar.
 Kusaka, Hideo, See Hatada, Toyohiko, et al.

L

- Limb, J. O., and Bowen, E. G., An Interframe Coding Technique for Broadcast Television, 451–457, June
 Lisk, Kenneth, Chairman Working Group on Diagnostic Medical Imaging, 45, Jan.

M

- Macher, Karl, New Projection Lenses for 35-mm Cinema Projectors, 465–467, June
 Marey, M., Fiber-Optical Signal Transmission Between a TV Camera and its Base Station, 942–946, Dec.
 Matsumura, H., See Konishi, Y., et al.
 McNair, H., See Uhlig, R., et al.
 Miller, L. D., A New Method of Specifying the Resolving Power of Television Camera Tubes Using the RCA P-300 Test Chart, 249–256, Apr.
 Miyatera, H., See Taneda, T., et al.
 Month, Al, A 30-mm High Performance Saticon Pickup Tube, 505–507, July
 Morizono, Masahiko, Yoshida, Hirofumi, and Hashimoto, Yoshitaka, Digital Video Recording — Some Experiments and Future Considerations, 658–662, Sept.
 Moscovitz, Howard S., An Electronically Controlled Additive Lamphouse for Optical Printers, 653–655, Sept.
 —, OPAL: A Computer Language for the Control of Optical Printers, 181–187, Mar.
 Moser, F., Ahrenkiel, R. K., and Burke, B. C., Photographic Speed of Solid State Sensor Arrays, 841–845, Nov.
 Motoki, T., See Taneda, T., et al.

N

- Nakagawa, S., See Yokoyama, K., et al.
 Nasse, Dominique, Necessity and Possibility of Separate-Components Digital Video Recording, 188–191, Mar.
 Neuhauser, R. G., Measuring Camera-Tube Resolution With the RCA P200 Test Chart, 97–100, Feb.
 Nicholls, William C., See Flaherty, Joseph A.
 Nishizawa, Taiji, See Fujio, Takashi, et al.

O

- Ohya, Akira, See Yoshino, Takehiko
 Oishi, G., See Taneda, T., et al.
 Oudin, Michael, Shooting Film Style With a Single Video Camera on 1-in Tape, 462–464, June

P

- Phillips, Ed**, SMPTE/PMPEA Working Group for Studio Lighting Hardware Standardization (SLHS), Report, 43, Jan.
Pritchard, D. H., and **Gibson, J. J.**, Worldwide Color Television Standards — Similarities and Differences, (See Addendum p. 948-949 Dec.), 111-120, Feb.

Q

- Quick, R. Frank, Jr.**, A Method for Exactly Decodable PCM Color Television, 570-573, Aug.

R

- Ravizza, Ray**, See **Hathaway, R. A**
Remley, F. M., Committee on New Technology Report, 43, Jan.
Robertson, A. R., Color Error Formulas, 947, Dec.
Robin, Michael, Addendum to "Worldwide Color Television Standards: Similarities and Differences," 948-949, Dec.
Robinson, Lynne, Mini-Conference Report, 533-535, July
Ross, Rodger J., et al., Report on the 121st SMPTE Technical Conference and Equipment Exhibit, 2-42, Jan.
Ryan, Roderick T., See **Endelman, Lincoln**, et al.

S

- Sadashige, Koichi**, An Overview of Longitudinal Video Recording Technology, 501-504, July
Saeki, Yukimi, See **Honjyo, Kazuo**, et al.

- Sakata, Haruo**, See **Hatada, Toyohiko**, et al.
Sanders, J. Richard, Digital Methods in Origination Equipment: An Overview, 938-942, Dec.

—, See **Childs, Ian**

- Schieman, A. C.**, Committee on Educational, Industrial and Consumer Film Technology Report, 43, Jan.
Shimada, Tamotsu, See **Honjyo, Kazuo**, et al.
Smith, Robert M., Report on Motion Picture and Television Technology in the USSR, 585-590, Aug.

—, See **Endelman, Lincoln**, et al.

Stappaerts, H., See **Vervoort, A.**

Sugiura, Y., See **Taneda, T.**, et al.

Swift, Hallock, F., Application of New Electrooptical Technology to High Speed Photography, 709-713, Oct.

T

- Taneda, T.**, **Sugiura, Y.**, **Motoki, T.**, **Oishi, G.**, **Miyatera, H.**, and **Umezawa, T.**, A High-Quality Optical Sound Recording System Using a Scanned Laser Beam, 95-97, Feb.
Tsifrinovich, L. G., See **Glazunova, V. I.**, et al.

U

- Uhlig, R.**, **Erwin, J.**, **Bolthouse, J.**, **McNair, H.**, and **Hufford, R.**, A New Sound Negative Film, 235-239, Apr.
Uhlig, Ronald E., The Relationship of Film Parameters to Photographic Soundtrack Quality, 229-234, Apr.
Umezawa, T., See **Taneda, T.**, et al.
Utsumi, Y., See **Konishi, Y.**, et al.

V

- Van Schil, George J.**, The Use of Polyester Film Base in the Motion Picture Industry — a Market Survey, 106-110, Feb.
Verbeek, W. J. P. A., A Rotating Lens System for Cine Projection With Continuous Film Transport, 167-173, Mar.
Vervoort, A., and **Stappaerts, H.**, A New Gevacolor Negative Film Type 682, 650-652, Sept.

W

- Wasser, Josef**, See **Burkhardt, Roland**
Weisser, A., The Digital Recording of Sound in Broadcasting, 520-524, July
Wells, Daniel R., Captioning for the Deaf — A PBS Progress Report, 656-658, Sept.

Y

- Yang, Paul**, See **Endelman, Lincoln**, et al.
Yokoyama, K., **Nakagawa, S.**, and **Katayama, H.**, An Experimental Digital Videotape Recorder, 173-180, Mar.
Yoshida, Hirofumi, See **Morizono, Masahiko**, et al.
Yoshino, Takehiko, and **Ohya, Akira**, Digital Frame Memory for Still Picture Television Receivers — PASS Encoding System and Application, 257-262, Apr.

Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations

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Subject	No.	Journal	Subject	No.	Journal
Film Dimensions					
8mm, Perforated super 8, 1R	PH22.149-1975	June 1975	super 16 to 35 Enlargement Ratio	PH22.201	Jan. 1979 ¹
16mm, Perforated regular 8,			35mm to 16mm Prints and Dupe		
2R-1500	PH22.17-1974	Apr. 1975	Negatives	RP 65-1976	Jan. 1977
16mm, Perforated super 8,			35mm Release Picture-Sound		
(1-3)	PH22.151-1975	June 1975	Continuous Contact	PH22.111-1965	Dec. 1965
(1-4)	PH22.168-1973	Aug. 1973		R1975	
	R1980				
16mm, 1R	PH22.109-1974	Sept. 1974	Image Areas, Projectable		
16mm, 2R	PH22.110-1974	Sept. 1974	8mm Release Prints	RP 56-1974	Jan. 1975
35mm, Perforated super 8,				R1979	
2R-1664 (1-0)	PH22.169-1974	Apr. 1975	regular 8	PH22.20-1975	Feb. 1976
5R	PH22.165-1973	Aug. 1973	super 8	PH22.154-1976	Dec. 1976
		June 1980 ¹	16mm	PH22.8-1969	Dec. 1969
35mm, Perforated 16mm,				R1975	
3R (1-3-0)	PH22.171-1974	Apr. 1975	16 & 35mm TV Review Room	PH22.148-1967	Dec. 1967
35mm, Perforated 32mm, 2R	PH22.73-1974	Sept. 1974		R1978	
		June 1980 ¹	35mm	PH22.195-1977	Sept. 1977
35mm, BH	PH22.93-1974	Dec. 1974	70mm	PH22.152-1969	Dec. 1969
35mm, CS-1870	PH22.102-1974	Dec. 1974		R1976	
35mm, DH-1870	PH22.1-1975	June 1975	Sound		
35mm, KS	PH22.139-1974	Dec. 1974	Photographic Record		
65mm, KS	PH22.145-1975	June 1975	super 8	PH22.182-1978	Nov. 1978
70mm, Perforated 65mm,			16mm	PH22.41-1975	Mar. 1976
KS-1870	PH22.119-1975	June 1975	2-track	PH22.204	Apr. 1979 ¹
			35mm	PH22.40-1978	Aug. 1978
			2-track	PH22.203	Apr. 1979 ¹
Film Usage, Camera			Magnetic Record		
regular 8	PH22.21-1975	Apr. 1976	regular 8	PH22.135-1975	Oct. 1975
super 8	PH22.156-1976	Dec. 1976	super 8	PH22.164-1975	Oct. 1975
16mm	PH22.9-1976	Feb. 1977	16mm 100 mil	PH22.112-1977	Nov. 1977
35mm	PH22.2-1979	Sept. 1979	200 mil	PH22.97-1975	Apr. 1976
			35mm 3 track	PH22.86-1975	Apr. 1976
Film Usage, Projector			4 track	PH22.108-1974	Mar. 1975
regular 8	PH22.22-1975	Apr. 1976		R1980	
super 8	PH22.155-1976	Dec. 1976	release	PH22.137-1975	Mar. 1975
16mm	PH22.10-1973	Nov. 1973	6 track	PH22.186-1974	Feb. 1975
35mm	PH22.194-1977	Sept. 1977		R1980	
			70mm	PH22.185-1974	Feb. 1975
Image Areas, Camera			Modulation, sound level	PH22.183	Oct. 1972 ¹
regular 8	PH22.19-1976	Oct. 1976	Use and Care, test films	RP 45-1972	Aug. 1972
super 8	PH22.157-1971	June 1971		R1977	
	R1977		Stripe		
16mm	PH22.7-1976	Oct. 1976	regular 8	PH22.88-1976	Nov. 1976
super 16	PH22.201	Jan. 1979 ¹	super 8	PH22.161-1968	Sept. 1968
35mm	PH22.59-1974	June 1974		R1973	Aug. 1979 ¹
			regular 8 on 16mm	PH22.136-1976	Nov. 1976
Image Areas, Printer			super 8 on 16mm (1-3)	PH22.176-1976	Dec. 1976
super 8 on 16mm (1-3)	PH22.181-1973	Apr. 1973	(1-4)	PH22.162-1968	Sept. 1968
	R1979			R1973	Aug. 1979 ¹
(1-4)	PH22.153-1979	Sept. 1979	super 8 on 35mm (5R)	PH22.163-1968	Sept. 1968
super 8 on 35mm	PH22.179-1980	Nov. 1980		R1973	Aug. 1979 ¹
16mm Contact (positive from			16mm 30 mil	PH22.101-1976	Nov. 1976
negative and reversal)	PH22.48-1976	Oct. 1976	50 mil	PH22.127-1976	Nov. 1976
16mm to 35mm Enlargement			100 mil	PH22.87-1966	Aug. 1966
Ratio	RP 66-1976	Jan. 1977		R1977	
			35mm 4-track release	PH22.177-1970	Jan. 1971
				R1976	

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Subject	No.	Journal	Subject	No.	Journal
Television			Video Magnetic Tape Recording		
Alignment Color Bar Signal	ECR 1-1978	Oct. 1978	Tape Care and Handling	RP 103	Dec. 1980 ¹
Color Temperature, monitors	RP 37-1969	Sept. 1969	Helical Scan		
	R1976		Code, Time and Control,		
Review Room Screens	RP 41-1974	Nov. 1974	Recording Requirements	RP 93	July 1971 ¹
Comparator	RP 52-1974	Nov. 1974	Raw Stock, Reference Tape	V98.26M	Oct. 1980 ¹
Density, Monochrome,			Reels, 1-in	V98.24M	July 1980 ¹
Films and Slides	RP 7-1970	Apr. 1970	Tape, 1-in	V98.25M	July 1980 ¹
Density, Color	RP 46-1972	Sept. 1972	Type B 1-in		
	R1977		Basic Parameters	C98.15M-1980	Apr. 1980
Illuminator for Test Pattern			Carrier Frequencies		
Transparencies	RP 72-1977	June 1977	and Pre-emphasis	RP 84-1980	Apr. 1980
Image Area			Frequency Response		
16mm Film	PH22.96-1963	Oct. 1963	and Operating Level	C98.17M-1980	Apr. 1980
	R1975		Record Dimensions	C98.16M-1980	Apr. 1980
35mm Film	PH22.95-1963	Oct. 1963	Tracking-Control Record	RP 83-1980	Apr. 1980
	R1975		Type C 1-in		
Review Rooms	PH22.148-1967	Dec. 1967	Basic Parameters	C98.18M-1979	Feb. 1980
	R1978		Frequency Response		
Slides and Opaques	PH22.94-1973	Nov. 1973	and Reference Level	C98.20M-1979	Feb. 1980
	R1979		Record Dimensions	C98.19M-1979	Feb. 1980
Monitors, Setting of White for	RP 71-1977	June 1977	Recorder Parameters	RP 86-1979	Feb. 1980
2 x 2 Slide Mount	RP 9-1977	Dec. 1977	Reference Tapes		
Test Patterns			Interchange	RP 100	Oct. 1980 ¹
Alignment	RP 27.1-1977	May 1978	Video and Audio	RP 99	Oct. 1980 ¹
Cameras, studio and field	RP 27.6-1972	Sept. 1972	Record Dimensions	V98.28M	Oct. 1980 ¹
telecine	RP 27.7-1972	Sept. 1972	Recorder Parameters	V98.27M	Oct. 1980 ¹
	R1977		Tracking-Control Record	RP 85-1979	Feb. 1980
Linearity	RP 38.1-1971	Apr. 1972	Type E 3/4-in		
	R1976		Carrier Frequencies,		
Mid-Frequency Response	RP 27.5-1977	May 1978	Pre-emphasis, Audio		
Picture Steadiness	RP 27.4-1972	June 1972	and Control Signals	RP 87-1980	May 1980
	R1977		Cassette Dimensions	C98.22M-1980	May 1980
Registration	RP 27.2-1971	Apr. 1972	Receiver/Monitor Test Tape	RP 96	Oct. 1979 ¹
	R1976		Record Dimensions	C98.21M-1980	May 1980
Safe Areas	RP 27.3-1972	June 1972	Type F 1/2-in		
	R1977		Carrier Frequencies and		
			Pre-emphasis	RP 88-1980	May 1980
			Records and Parameters	C98.23M-1980	May 1980
Test Films			Quadruplex		
Photographic			Audio 2 Level/Response	RP 102	Dec. 1980 ¹
regular 8 Registration	RP 19-1965	Jan. 1966	Code, Time and Control	C98.12-1975	July 1975
	R1975				July 1979 ¹
super 8 Registration	RP 32-1969	Sept. 1969	Recording Requirements	RP 101	Dec. 1980 ¹
	R1975		Dropout Detection	RP 47-1972	Dec. 1972
Sound Projector	RP 18	Sept. 1980 ¹		R1978	
16mm Buzz-Track	RP 67-1976	Mar. 1977	Dual-Program Audio	RP 89-1978	Mar. 1979
Flutter	RP 70-1977	Aug. 1977	Headwheel and Guides	RP 36-1978	Feb. 1979
Projector Alignment	RP 82-1978	Mar. 1979	Labels	RP 26-1968	Mar. 1968
Registration	RP 20-1965	Jan. 1966		R1974	May 1980 ¹
	R1975		Leader, monochrome	C98.2-1963	Dec. 1963
Scanning Beam	RP 81-1978	Feb. 1979		R1975	
Sound Focusing	RP 63-1976	Aug. 1976	color	C98.9-1967	Sept. 1967
Sound Projector	RP 18-1964	Nov. 1964		R1975	
	R1970	Sept. 1980 ¹	Modulation Practices	RP 6-1979	Jan. 1980
Theater Test	RP 35-1969	June 1969	Patch Splices	RP 5-1976	May 1977
	R1977		Records, Characteristics of Audio	C98.3-1973	Sept. 1973
35mm Buzz-Track	RP 68-1976	Mar. 1977	Record Dimensions, Video, Audio		
Flutter	RP 97	Dec. 1979 ¹	and Tracking Control	C98.6-1973	Sept. 1973
Projector Alignment	RP 40-1971	Aug. 1971			Nov. 1979 ¹
	R1977		Record, Tracking Control	RP 16-1977	Dec. 1977
Projector Test	RP 33-1968	Dec. 1968	Reels, 2 in.	C98.5-1970	Feb. 1971
	R1977			R1976	
Scanning Beam	RP 69-1977	Aug. 1977	1/2 in	C98.14-1975	Mar. 1976
Sound Focusing	RP 64-1976	Aug. 1976	Speed	C98.4-1970	Feb. 1971
Theater Test	RP 35-1969	June 1969		R1976	
	R1977		Spools, Cartridge	C98.13-1975	July 1975
70mm Projector Alignment	RP 91	Dec. 1979 ¹	Labels	RP 60-1975	May 1975
				R1980	
Magnetic			Tape Dimensions	C98.1-1978	Aug. 1978
super 8 Azimuth Alignment	RP 61-1975	May 1976	Tape Vacuum Guide	RP 11-1968	Aug. 1968
Flutter	RP 62-1975	May 1976	Test Tapes		
Multifrequency	RP 92	July 1979 ¹	Multifrequency		
16mm Azimuth Alignment	RP 78-1978	Aug. 1978	15 in/s	C98.8-1977	Jan. 1978
Flutter	RP 76-1977	July 1978	7.5 in/s	C98.11-1977	Jan. 1978
Multifrequency	RP 90-1979	Jan. 1980	Video Frequency,		
35mm Azimuth Alignment	RP 77-1978	Aug. 1978	15 in/s, LBM	RP 29-1968	Sept. 1968
4-Track	RP 80-1977	June 1978		R1980	
Flutter	RP 75-1977	July 1978	15 in/s, HB	RP 43-1975	June 1976
4-Track	RP 79-1977	June 1978	7.5 in/s, HB	RP 44-1975	June 1976
			VIR Signal	RP 57-1974	Jan. 1975
				R1980	

Subject	No.	Journal
MISCELLANEOUS		
Cartridge, Super 8 Camera		
Notches	PH22.166-1977	Nov. 1977 Nov. 1979 ¹
Silent		
Model I		
Aperture, Profile, Pressure Pad, Film Position	PH22.159.2-1980	Nov. 1980
Camera Run Length, Cut-Out, Notches	PH22.159.5-1974	Mar. 1975
Cartridge, Cartridge-Camera Fit	PH22.159.1-1968 R1973	May 1968 Dec. 1976 ¹
Take-Up Core Drive	PH22.159.4-1968 R1973	May 1968 Dec. 1976 ¹
Model II		
Cartridge, Cartridge-Camera Fit, Core	PH22.190-1976	Sept. 1976
Film Length, Camera Run	PH22.188-1976	Sept. 1976
Position	PH22.189-1976	Sept. 1976
Speed, Color Balance, Identification	PH22.191-1976	Sept. 1976
Sound		
Model I		
Aperture, Pressure Pad, Film Position	PH22.198-1980	Aug. 1980
Camera-Run Length, Perforation Cut-Out, End-of-Run Notch	PH22.200M-1980	Aug. 1980
Cartridge, Cartridge-Camera Interface, Core Drive	PH22.197-1980	Aug. 1980
Pressure Pad Flatness, Aperture Profile	PH22.199-1980	Aug. 1980
Conference		
Audio Reinforcement	ECR 4	June 1979 ¹
Projection	ECR 3	June 1979 ¹
Cores for Raw Stock Film	PH22.37-1975	Oct. 1975
Density Measurements		
Calibration of Densitometers	RP 15-1970 R1976	Apr. 1970
Spectral Diffuse	PH22.117-1968 R1979	Mar. 1969
Edge Numbering, 16mm Film	PH22.83-1972 R1978	Dec. 1972
16mm Release Prints	RP 54-1974 R1979	July 1974
Electro-Acoustic Response,		
Control Rooms and Theaters	PH22.202	Jan. 1979 ¹
Emulsion Orientation		
Print Winding	RP 39-1970 R1976	Apr. 1970
Raw Stock Winding	PH22.75-1975	Mar. 1976
Super 8 Release Prints	RP 42-1970 R1976	Dec. 1970
Film Length, 8mm Camera Spool		
(25 ft Capacity)	PH22.143-1975	Feb. 1976
Graph Paper	RP 22-1966 R1976	Dec. 1966 Sept. 1980 ¹
Leaders		
Preprint, 8mm	RP 49-1973 R1979	Mar. 1973
Universal	PH22.55-1975	Mar. 1976

Subject	No.	Journal
Lenses		
Aperture Calibration	PH22.90-1964 R1977	June 1964
Focal Lengths, Markings, 35 & 70mm	PH22.28-1976	Feb. 1977 Mar. 1980 ¹
Focus Scales, 16mm and 8mm Cameras	PH22.74-1965 R1975	May 1965
Lens Mounts		
16mm & 8mm Cameras	PH22.76-1960 R1979	Feb. 1960
Lubrication, 16 & 8mm Prints	RP 48-1973 R1979	Mar. 1973
Nomenclature		
Cartridge/Cassette	RP 58-1974 R1980	Jan. 1975
Film	PH22.56-1978	Nov. 1978
Notching, Scene Change, 35mm	RP 53-1974	July 1974
Photometric Performance		
Incandescent Lighting Units	RP 4-1958 R1977	Sept. 1958
Raw Stock Identification	PH22.184-1973 R1980	Nov. 1973
Container Edge	ECR 2-1979	Sept. 1979
Reels		
regular 8	PH22.23-1975	Apr. 1976
super 8	PH22.160-1977	July 1977
16mm	PH22.11-1975	Mar. 1976
35mm	PH22.4-1976	Apr. 1977
Large Capacity	PH22.193-1976	Apr. 1977
Shipping	PH22.192-1976	Apr. 1977
70/35mm	PH22.147-1976	Apr. 1977
Reversal Color Film Speed	PH22.146-1973	Aug. 1973
Safety Film	PH22.31-1967 R1973	Feb. 1968
Screens		
Gain		
Determination	RP 94	Oct. 1979 ¹
Installation	RP 95	Oct. 1979 ¹
Luminance		
Drive-in Theaters	RP 12-1972 R1980	Dec. 1972
Indoor Theaters	PH22.196-1978	Aug. 1978
Measurement	RP 98	Feb. 1980 ¹
Review Rooms, 8 mm	RP 51-1974 R1979	May 1974
Slides & Film Strips	RP 59-1975 R1980	May 1975
Sensitometric Strips	RP 14-1970 R1976	Apr. 1970
Spindles		
super 8 projector	RP 50-1974 R1979	May 1974
16mm camera	RP 24-1967 R1978	July 1967
16mm projector	RP 34-1968 R1978	Dec. 1968
35mm rewind	RP 21-1976	May 1977

Subject	No.	Journal	Subject	No.	Journal
Splices			Sprockets		
16 & 8mm			regular 8	RP 73-1977	Jan. 1978
Laboratory type	PH22.77-1975	Apr. 1976	super 8	RP 55-1974	Jan. 1975
Projection type	PH22.24-1975	Apr. 1976		R1979	
super 8			16mm	RP 74-1977	Jan. 1978
Cemented	PH22.172.1-1969	Mar. 1970	35mm	PH22.35-1962	May 1962
	R1975			R1976	Mar. 1980 ¹
Tape	PH22.172.2-1976	Dec. 1976	Synchronization, sound-picture		
35mm	PH22.178-1971	June 1971		RP 25-1968	Mar. 1968
Withdrawn 1980		Sept. 1980 ³		R1978	
70mm reinforcement	RP 23-1979	Jan. 1980	Test Methods, 16mm Sound Distortion		
			Cross Modulation, Variable-Area	PH22.52-1960	Oct. 1954
				R1975	Dec. 1960 ²
			Withdrawn 1980		Sept. 1980 ³
			Intermodulation, Variable-		
			Density	PH22.51-1961	July 1961
				R1975	
Spools			Unsteadiness, High-Speed Camera		
8mm, 25-ft capacity	PH22.107-1975	Feb. 1976		RP 17-1964	May 1964
Double 8, 100-ft capacity	PH22.173-1975	Feb. 1976		R1976	
16mm, daylight-loading,					
50- to 400-ft capacity	PH22.174-1975	Feb. 1976			

R — Reaffirmed.

¹Proposed standard, practice or recommendation.

²Essential technical content is included in the early publication date. The later date lists editorial or nontechnical changes agreed to by SMPTE engineering committees and subsequently incorporated in a revision of the standard.

³Withdrawal notice.

American National Standards, SMPTE Recommended Practices, and International Standards — 1980 • Volume 89

<i>Number</i>	<i>Title</i>	<i>Issue</i>	<i>Page</i>
American National Standards			
C98.15M-1980	Approved, Basic System Parameters for 1-in Type B Helical-Scan Video Tape Recording	Apr.	264
C98.16M-1980	Approved, Dimensions and Location of Records for 1-in Type B Helical-Scan Video Tape Recording	Apr.	265
C98.17M-1980	Approved, Frequency Response and Operating Level of Recorders and Reproducers for Audio Records for 1-in Type B Helical-Scan Video Tape Recording	Apr.	266
C98.18M-1979	Approved, Basic System and Transport Geometry Parameters for 1-in Type C Helical-Scan Video Tape Recording	Feb.	124
C98.19M-1979	Approved, Dimensions and Location of Records for 1-in Type C Helical-Scan Video Tape Recording	Feb.	125
C98.20M-1979	Approved, Frequency Response and Reference Level of Recorders and Reproducers for Audio Records for 1-in Type C Helical-Scan Video Tape Recording	Feb.	127
C98.21M-1980	Approved, Dimensions and Location of Records for 3/4-in Type E Helical-Scan Video Tape Cassette Recording	May	379
C98.22M-1980	Approved, Dimensions of Video Cassette for 3/4-in Type E Helical-Scan Video Tape Recording ..	May	382
C98.23M-1980	Approved, Dimensions and Location of Records and Basic Electrical Parameters for 1/2-in Type F Helical-Scan Video Tape Recording	May	385
PH22.28	Proposed Revision, Dimensions for 35- and 70-mm Motion-Picture Projection Lenses and Mounts	Mar.	193
PH22.35	Proposed Revision, Dimensions of Universal Intermittent Sprockets for 35-mm Motion-Picture Projectors	Mar.	194
PH22.52-1960	Approved Withdrawal, Cross-Modulation Tests for 16-mm Variable-Area Photographic Sound Prints	Sept.	670
PH22.73	Proposed Revision, Dimensions for 35-mm Motion-Picture Film Perforated 32-mm, 2R	June	472
PH22.159.2-1980	Approved, Dimensions and Characteristics of 8-mm Type S Motion-Picture Camera Cartridge Aperture, Camera Aperture Profile, Film Position, Pressure Pad and Pressure Pad Flatness	Nov.	871
PH22.165	Proposed Revision, Dimensions for 35-mm Motion-Picture Film Perforated 8-mm Type S, 5R (1-3-5-7-0)	June	473
PH22.168-1973	Reaffirmed 1980, Dimensions for 16-mm Motion-Picture Film Perforated Super 8, (1-4)	Apr.	263
PH22.178-1971	Approved Withdrawal, Dimensions for 35-mm Motion-Picture Film Splices	Sept.	670
PH22.179-1980	Approved, Location of 8-mm Type S Printed Areas on 35-mm Motion-Picture Film	Nov.	874
PH22.184-1973	Reaffirmed 1980, Motion-Picture Raw Stock Identification and Labeling	Apr.	263
PH22.197-1980	Approved, Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge, Cartridge-Camera Interface and Take-Up Core Drive	Aug.	597
PH22.198-1980	Approved, Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge Aperture, Pressure Pad and Film Position	Aug.	599
PH22.199-1980	Approved, Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge Pressure Pad Flatness and Camera Aperture Profile	Aug.	601
PH22.200M-1980	Approved, Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge Camera Run Length, Perforation Cut-Out and End-of-Run Notch (15-m [50-ft] Capacity)	Aug.	603
V98.24M	Proposed, Dimensions of Video Magnetic Tape Reels for 1-in Helical-Scan Video Recorders ...	July	531
V98.25M	Proposed, Dimensions of 1-in Video Magnetic Recording Tape	July	532
V98.26M	Proposed, Specifications and Conditioning of Raw Tape Stock Used to Record Reference Tapes for 1-in Helical-Scan Video Tape Recorders	Oct.	736
V98.27M	Proposed, Basic System and Transport Geometry Parameters for 1-in Type C Helical-Scan Video Tape Reference Recorders for Video and Audio Reference Tapes	Oct.	736
V98.28M	Proposed, Dimensions and Location of Records on Video and Audio Reference Tapes for 1-in Type C Helical-Scan Video Tape Recorders	Oct.	738
SMPTE Recommended Practices			
RP 6-1979	Approved, Recorded Carrier Frequencies and Pre-emphasis Characteristics for 2-in Quadruplex Video Magnetic Tape Recording for 525-Line/60-Field Television Systems	Jan.	46
RP 12-1972	Reaffirmed 1980, Screen Luminance for Drive-In Theaters	Nov.	870
RP 18	Proposed Revision, Specifications for Test Films for Subjective Checking of 16-mm and 8-mm Type S Motion-Picture Sound Projectors	Sept.	671
RP 22	Proposed Revision, Specifications for Graph Paper Used in Inter-Laboratory Exchange of Plotted Sensitometric Data	Sept.	672
RP 23-1979	Approved, Reinforcement of 70-mm Positive Splices	Jan.	47
RP 26	Proposed Revision, Label Specifications for Quadruplex and Helical-Scan Video Magnetic Tape Recordings	May	379
RP 29-1968	Reaffirmed 1980, Video Test Tape for Quadruplex Video Frequency Magnetic Tape Recorders Operating at 15 in/s and Practice LBM of SMPTE Recommended Practice RP 6	June	471
RP 57-1974	Reaffirmed 1980, Vertical Interval Reference (VIR) Signal	June	471
RP 58-1974	Reaffirmed 1980, Nomenclature for Devices Enclosing 8-mm Motion-Picture Film for Projection	Nov.	870

<i>Number</i>	<i>Title</i>	<i>Issue</i>	<i>Page</i>
RP 59-1975	Reaffirmed 1980, Color and Luminance of Review Room Screens for Viewing Motion-Picture Materials Intended for Slides or Film Strips	Dec.	952
RP 60-1975	Reaffirmed 1980, Labels for Cartridge Spools for 2-in Quadruplex Video Magnetic Tape	Dec.	952
RP 83-1980	Approved, Specifications of Tracking Control Record for 1-in Type B Helical-Scan Video Tape Recording	Apr.	267
RP 84-1980	Approved, Video Reference Carrier Frequencies and Pre-Emphasis Characteristics for 1-in Type B Helical-Scan Video Tape Recording	Apr.	268
RP 85-1979	Approved, Tracking-Control Record for 1-in Type C Helical-Scan Video Tape Recording	Feb.	128
RP 86-1979	Approved, Video Record Parameters for 1-in Type C Helical-Scan Video Tape Recording	Feb.	129
RP 87-1980	Approved, Reference Carrier Frequencies, Pre-emphasis Characteristic and Audio and Control Signals for 3/4-in Type E Helical-Scan Video Tape Cassette Recording	May	377
RP 88-1980	Approved, Reference Carrier Frequencies and Pre-emphasis Characteristic for 1/2-in Type F Helical-Scan Video Tape Recording	May	378
RP 90-1979	Approved, Specifications for Magnetic-Type Audio Level and Multifrequency Test Film for 16-mm Sound Reproducers	Jan.	48
RP 98	Proposed, Measurement of Screen Luminance in Theaters	Feb.	129
RP 99	Proposed, Video and Audio Reference Tape for 1-in Type C Helical-Scan Video Tape Recorders	Oct.	739
RP 100	Proposed, Interchange Reference Tape for 1-in Type C Helical-Scan Video Tape Recorders	Oct.	741
RP 101	Proposed, Requirements for Recording American National Standard Time and Control Code on Quadruplex Video Tape Recorders	Dec.	953
RP 102	Proposed, Frequency Response and Operating Level of Recorders and Reproducers for Audio 2 Record for 2-in Quadruplex Video Magnetic Tape Operating at 15 and 7.5 in/s	Dec.	954
RP 103	Proposed, Care and Handling of Video Magnetic Recording Tape	Dec.	955

International Standards

ISO 2467-1980	Approved, Cinematography — Image Area Produced by 65 and 70 mm Motion-Picture Camera Aperture and Maximum Projectable Image Area on 70 mm Motion-Picture Prints — Positions and Dimensions	Dec.	956
ISO 4242-1980	Approved, Cinematography — Recording Head Gaps for Two Sound Records on 16 mm Magnetic Film — Positions and Width Dimensions	Sept.	673
ISO 4243-1979	Approved, Cinematography — Picture Image Area and Photographic Sound Record on 16 mm Motion-Picture Release Prints — Positions and Dimensions	Mar.	195

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